DIVE COMPRESSOR RECORD LOG

7530-00-222-3525
FEDERAL SUPPLY SERVICE
(GPO)

Encl: 131

DATE	START HOURS	END HOURS	1ST STAGE	2ND STAGE	3RD STAGE	OIL PRESSURE	# TANKS FILLED	REMARKS/PMS COMPLETE
10 JAN00		2.7	~~870~~ 35	212	900	870	0	36M-1 36M-4 36M-2 COMPLETED
12 JAN00	2.7	2.7	34	210	900	870	0	R-2 (OIL CHANGE) R-7 (DRYING FILTER) COMPLETE
13 JAN00	2.7	2.7	35	211	900	860	0	A1-R, S-1 COMPLETED
14 JAN00	2.7	14.3	35	212	900	800	0	BREAK-IN RUN
15 JAN 00	14.3	14.7	35	212	900	800	0	TEST RUN
24 JAN00	14.7	14.9	35	210	900	810	0	AIR TEST COMPLETED
8 MAY00	16:22	16:39	35	210	900	840	0	R-4W, A-3
15 MAY00	16:39	16:50	33	210	900	830	0	R-4W
20 MAY00	1650	16.78	33	207	900	830	0	R-4W
26 MAY00	16.78	16.98	32	210	900	870	0	R-4W
2 JUN00	16.98	17.09					1	R-4W
10 JUN 0	17.09	17.53	35	~~200~~ 218	~~880~~ 940	~~780~~ 840	~~4~~ 8	R-4W
14 JUN00	17.53	17.65	34	215	930	870	2	R-4W
26 JUN00	17.65	18.45	34	217	940	840	0	R-4W
12 JUL00	18.45	19.36	33	212	935	830	4-K	R-4W, LU-1 (A-3) LU-2 (A-6)
15 MAR01	19.36	20.12	40	225	945	860	0	SU-1, S-1R, S-3R
25 MAR01	20.12	21.12	42	218	945	840	0	S1-R AIR TEST
0 APR01	21.12	21.30	40	220	940	850	0	R-4W
0 APR01	21.30	21.40	40	220	945	850	0	R-4W
7 APR01	21.40	21.60	40	225	940	845	0	R-4W, 18M-1R
23 APR01	21.60	22.08	40	220	940	850	2-K	R-4W
26 APR01	22.08	22.55	40	220	940	870	1-K	R-4W
1 MAY01	22.55	23.05	40	220	920	910	4	R-4W
3 MAY01	23.05	23.74	40	215	920	900	2	R-4W
21 MAY01	23.74	24.32	40	220	920	910	4	R-4W
1 JUN01	24.32	25.03	42	220	900	890	6	R-4W
29 JUN01	25.03	25.20	40	215	950	900	0	R-4W
1 01	25.20	26.09	40	220	950	900	8	R-4W

DATE	START HOURS	END HOURS	1ST STAGE	2ND STAGE	3RD STAGE	OIL PRES.	# TANKS FILLED	REMARKS/PMS COMPLETED
~~03 AUG 01~~ ~~04 JAN 00~~	~~26.09~~							~~36M-1, 36M-2, 36M-4, RSD, A-5, A-9~~
03 AUG 01	26.09	26.26	40	220	910	900	1	R-4W
11 AUG 01	26.26	26.82	40	220	900	900	4	R-4W
16 AUG 01	26.82	27.70	42	220	950	890	7	R-4W
01 SEP 01	27.70	28.08	40	220	940	900	2	R-4W
09 SEP 01	28.08	28.28	40	220	940	800	0	R-4W
17 SEP 01	28.28	28.50	40	220	950	810	0	A-6, R-4W
26 SEP 01	28.50	28.66	40	220	950	810	0	R-7, R-4W, 18M-1R
03 OCT 01	28.66	29.84	40	220	950	860	0	S1-R (AIR TEST)
10 OCT 01	29.84	30.05	40	215	940	910	2	R-4W
17 OCT 01	30.05	30.26	42	215	950	910	0	R-4W
04 NOV 01	30.26	30.38	40	220	940	910	1	R-4W
03 APR 02	30.38	30.48	40	220	880	910	~~2~~ 1	R-4W Dive Hull Inspect
03 APR 02	30.48	30.60	40	220	880	910	2	
19 APR - 02	30.6							Annual Service, Filter Change
13 MAY 02	30.63	30.68	39	200	900	850	1	
10 JULY 02	30.68	30.80	40	200	910	915	2	R-4W
10 JULY 02	30.80	31.13	40 ~~36~~	200	880 ~~950~~	950	~~4~~ 5	R-4W
11 JULY 02	30.13	31.29	40	200	860	950	2	R-4W
19 JUL 02	31.29	31.43					2	~~Jam~~
[illegible] 02	31.43	31.52	39	2500	875	925	1	R-4W
[illegible] JUL	31.52	31.55	40 ~~39~~	2500 ~~2000~~	875 ~~850~~	925 ~~925~~	1	Landing gear blow down
[illegible] JUL 02	31.55	31.72	40	210	925	900	2	R-4W Chamber Dive
[illegible] AUG 02	31.72	31.87	40	200	925	900	2	
[illegible] AUG 02	31.87	31.91	40	200	925	900	1	
[illegible] 02	31.91	31.98	40	200	925	900	1	Landing Gear
[illegible] NOV 02	31.98		40	200	~~950~~ ~~900~~	950		
[illegible] 02	32.23	32.89	41	210	875	~~900~~ 925	6	
[illegible] 02	32.89	39.97	40	200	910	927	4	

DATE	START HRS	END HRS	1st stage	2nd stage	3rd stage	oil psi	# TANKS
17 Dec 02	32.97	33.13					3
07 Jan 03	33.14	34	45	225	900	875	
05 FEB 03	34.00	34.08	37	200	850		1
[illegible]	[illegible]	34.22	34	190	850	900	1
15 APR 03	34.38	34.76	40	200	900	900	10
16 APR 03	34.76	35.11	40	195	850	925	6
17 APR 03	35.11	35.62	40	200	900	900	8
06 JUN 03	35.62	36.15	40	200	900	875	9
12 JUN 03	36.15	36.63	40	200	900	850	10
17 JUN 03	36.65	36.84	40	200			3
[illegible]	36.84	37.01	40	200	900	900	3
07 JUL 03	37.01	37.22	40	200	875	850	3
08 JUL 03	37.22	37.63	40	200	900	875	5
17 JUL 03	37.63	37.73	40	140	800	920	3
21 JUL 03	37.73	38.14	40	190	900	900	3
25 JUL 03	38.15	38.22	40	190	850	900	1
~~01 AUG 03~~	~~38.23~~	~~3~~	~~40~~	~~200~~	~~875~~	~~920~~	
01 AUG 03	38.23	39.10	40	200	900	775	3
03 AUG 03	39.10	39.72	40	210	925	875	7 Doubles
07 AUG 03	39.72	40.[illegible]	40	205	900	900	7 Doubles
~~10 AUG 03~~	~~40.16~~						~~3 Doubles~~
11 AUG 03	40.30	40.57	40	200	900	950	3 Doubles
13 AUG 03	40.57	41.09	40	210	950	850	5 Doubles
23 OCT 03	41.09	41.42	40	210	950 ~~925~~	860	4
28 OCT 03	41.42	41.58	40	200	900	900	2
16 DEC 03	41.58	41.96	40	200	900	900	1
23 Dec 03	41.96	42.11	40	200	850	925	3
18 JAN 04	42.11	42.75	40	200	850	925	14
12 FEB 04	42.76	42.99	40	200	850	925	4

ENCLOSURE (31)

Date	Start Hrs	End hrs	1st	2nd	3rd	oil pres	# Tanks	
20FEB	42.98	43.13	40	200	900	900	2	
22 FeB	43.13	43.24	40	200	900	900	2	
19 Mar	43.26	44.27	40	200	875	900	air sample	
20 MAR	44.27	44.77	40	200	880	900	air sample	
16 JUN 04	44.77	46.00	40	200	880	900	#5 doubles	
16 JUN 04	46.00	46.23	40	200	875	915	1 double	
19 JUN 04	46.25	46.35	40	210	950	850	1 double	
19 JUN 04	46.35	46.52	40	200	920	900	2 double	
16 AUG 04	46.52	46.78	42	210	950	760	1 single	
17 Nov 04	46.78	47.15	42	210	950	900	6 singles and 4 cascade tanks	
06 JAN 05	47.18	47.41	40	200	950	900	6 singles	
14 JAN 05	47.41		40	200	875	925	3 SINGLE	
1 Apr 05	49.17		40	200	900	900	5 dbl	
5 APR 05	50.05						5 SING	
21 Apr 05	52.85	54.45	40	210	910	850	4 sing, 6 dbl, 2 EGS	
10 Jun 05	55.34	58.84	40	190	900	900	7 dbl	3 SING
10 JUN 05	56.88	56.94	40	200	900	900	1 dbl	
27 JUN 05	56.94	57.42	40	200	910	900	ALL	TOPPED OFF
[illegible] JUN 05	57.42	58.91	40	200	910	900	ALL	
[illegible] 05	5841	5913	40	205	910	900	[illegible]	
[illegible] 05	59.13	59.68	40	200	910	900	3 DBL	
[illegible] 05	59.83	59.96	40	200	900	900	4	
[illegible] 05	59.96		40	200	900	900	5 SINGLE	
[illegible]	60.14	60.47	40	200	900	900	3	2 ~~SINGL~~ DOUBLE + 1 SINGLE
[illegible] 05	60.47	60.64	40	200	900	900	1	DBL
[illegible] 05	60.64	60.79	40	200	870	910	4	
[illegible] 05	60.91	61.38	40	200	890	900	6	3 Dbls + 3 EGS
[illegible] 05	60.38	61.58	40	200	850	910	6 SGL	+ 3 Dbl

ENCLOSURE (131)

Date	Start Hrs	Stop Hrs	1st	2nd	3rd	4th	oil	Fuel	Remarks
7 July	61.58	62.00	40	200	870	2000	900		
10 July	62.05		40	200	860	2250	900	6-sing, 2dbl	
11 July	63	63.14						6 sing 2 dbl	
14 JULY	63.14	63.87	40	200	800		900	3 sing	+3 sing, 4 dbls
16 JUL	63.87	64.03	40	210	800		900	4 sing	
16 Jul 05	64.03	64.77	43	215	950		875	4 sing + 3 dbls	
20 JUL 05	64.77	65.54	42	210	900		900	5 SINGLE 4 DBL, 2 [illegible]	
22 JUL 05	65.54	65.71	40	210	900		900	6 SING	
23 JUL 05	65.71	65.96	40	210	900		900	6 SING	
23 July	65.96	66.42	40	200	870	1900	900	5 DBL	3 EGGS
31 Aug 05	66.45	66.63	40	190			925	1 single	
21 SEPT 05	CONDUCTED L/O		CHANGE		+ AIR	FILTER		ROTATION	(1ST ROTATION RAN FOR SYSTEM TESTING
" " "	66.63	66.81	40	202	910	31000	880	TEST	
2 Sep 05	66.81	66.96	40	198	910	3000	900	1 set dbl	
2 Sep 05	66.96	67.21	37	190	900		920	3 singles	

EXHIBIT (31)

DATE	START HOURS	END HOURS	1ST STAGE	2ND STAGE	3RD STAGE	OIL PRESSURE	# TANKS FILLED	REMARKS/PMS COMPLE
10 JAN00		2.7	~~870~~ 35	212	900	870	0	36M-1 36M-4 36M-2 COMPLETED
12 JAN00	2.7	2.7	34	210	900	870	0	R-2 (OIL CHANGE) R-7 (DRYING FILTER) COMPLET
13 JAN00	2.7	2.7	35	211	900	860	0	A1-R, S-1 COMPLETED
14 JAN00	2.7	14.3	35	212	900	800	0	BREAK-IN RUN
15 JAN 00	14.3	14.7	35	212	900	800	0	TEST RUN
24 JAN00	14.7	14.9	35	210	900	810	0	AIR TEST COMPLETED
8 MAY00	16:22	16:39	35	210	900	840	0	R-4W, A-3
15 MAY00	16:39	16:50	33	210	900	830	0	R-4W
20 MAY00	16:50	16.78	33	207	900	830	0	R-4W
26 MAY00	16.78	16.98	32	210	900	870	0	R-4W
2 JUN00	16.98	17.09					1	R-4W
10 JUN 00	17.09	17.53	35	~~200~~ 218	~~880~~ 940	~~780~~ 840	~~4~~ 8	R-4W
14 JUN00	17.53	17.65	34	215	930	870	2	R-4W
26 JUN00	17.65	18.45	34	217	940	840	0	R-4W
12 JUL00	18.45	19.36	33	212	935	830	4-K	R-4W, LU-1, LU
18 MAR01	19.36	20.12	40	225	945	860	0	SU-1, S-1R, S-3R
25 MAR01	20.12	21.12	42	218	945	840	0	S1-R AIR TEST
01 APR01	21.12	21.30	40	220	940	850	0	R-4W
09 APR01	21.30	21.40	40	220	945	850	0	R-4W
17 APR01	21.40	21.60	40	225	940	845	0	R-4W, 18M-1R
23 APR01	21.60	22.08	40	220	940	850	2-K	R-4W
30 APR01	22.08	22.55	40	220	940	870	1-K	R-4W
8 MAY01	22.55	23.05	40	220	920	910	4	R-4W
23 MAY01	23.05	23.74	40	215	920	900	2	R-4W
24 MAY01	23.74	24.32	40	220	920	910	4	R-4W
14 ~~M~~ JUN01	24.32	25.03	42	220	900	840	6	R-4W
29 JUN01	25.03	25.20	40	215	950	900	0	R-4W
7 JUL01	25.20	26.09	40	220	950	900	8	R-4W

DATE
~~03 AUG~~
~~04 JAN~~
03 AU
11 AU
16 AU
01 SEP
09 SEP
17 SEP
26 SEP
03 OCT
10 OCT
17 OCT
04 NO
03 APR
03 AP
19 AP
13 MA
10 JULY
10 JULY
11 JULY
19 JUL
19 JUL
23 JUL
26 JU
10 AU
30 AU
04 NO
20 NO
21 NO

DATE	START HOURS	END HOURS	1ST STAGE	2ND STAGE	3RD STAGE	OIL PRES.	# TANKS FILLED	REMARKS/PMS COMPLETED
~~03 AUG 01~~ ~~04 JAN 00~~	~~26.09~~							~~36M-1, 36M-2, 36M-4, RSD, A-5, A-9~~
03 AUG 01	26.09	26.26	40	220	910	900	1	R-4W
11 AUG 01	26.26	26.82	40	220	900	900	4	R-4W
16 AUG 01	26.82	27.70	42	220	950	890	7	R-4W
01 SEP 01	27.70	28.08	40	220	940	900	2	R-4W
09 SEP 01	28.08	28.28	40	220	940	800	0	R-4W
17 SEP 01	28.28	28.50	40	220	950	810	0	A-6, R-4W
26 SEP 01	28.50	28.66	40	220	950	810	0	R-7, R-4W, 18M-1R
03 OCT 01	28.66	29.84	40	220	950	860	0	S1-R (AIR TEST)
10 OCT 01	29.84	30.05	40	215	940	910	2	R-4W
17 OCT 01	30.05	30.26	42	215	950	910	0	R-4W
04 NOV 01	30.26	30.38	40	220	940	910	1	R-4W
03 APR 02	30.38	30.48	40	220	880	910	~~2~~ 1	R-4W Dive Hull inspect
03 APR 02	30.48	30.60	40	220	880	910	2	
19 APR - 02	30.6							Annual Service, filter change
13 MAY 02	30.63	30.68	39	200	900	850	1	
10 JULY 02	30.68	30.80	40	200	910	915	2	R-4W
10 JULY 02	30.80	31.13	40 ~~36~~	200	850 ~~900~~	950	4 5	R-4W
11 JULY 02	30.13	31.29	40	~~200~~	860	950	2	R-4W
19 JUL 02	31.29	31.43					2	~~Jam~~
19 JUL 02	31.43	31.52	39	2500	875	925	1	R-4W
23 JUL	31.52	31.55	40 ~~39~~	2500 ~~2000~~	875 ~~850~~	925 ~~925~~	1	Landing gear blow down
26 JUL 02	31.55	31.72	40	210	925	900	2	R-4W chamber dirty
10 AUG 02	31.72	31.87	40	200	925	900	2	
12 AUG 02	31.87	31.91	40	200	925	900	1	
30 AUG 02	31.91	31.98	40	200	925	900	1	Landing gear
04 NOV 02	31.98		40	200	~~950~~ ~~900~~	950		
20 NOV 02	32.23	32.89	41	210	875	925 ~~900~~	6	
21 NOV 02	32.89	39.97	40	200	910	927	4	

DATE	START HRS	END HRS	1st stage	2nd stage	3rd stage	4th stage	# TANKS
17 Dec 02	32.97	33.13					2
07 Jan 03	33.14	34	45	225	900	875	
05 FEB 03	34.00	34.08	37	200	850		1
05 FEB 03	34.08	34.27	39	190	850	900	1
15 APR 03	34.38	34.76	40	200	900	900	10
16 APR 03	34.76	35.11	40	195	850	925	6
17 APR 03	35.11	35.62	40	200	900	900	8
06 JUN 03	35.62	36.15	40	200	900	875	9
12 JUN 03	36.15	36.63	40	200	900	850	10
17 JUN 03	36.65	36.84	40	200			3
06 JUL 03	36.84	37.01	40	200	900	900	3
07 JUL 03	37.01	37.22	40	200	875	850	3
08 JUL 03	37.22	37.63	40	200	900	875	5
17 JUL 03	37.63	37.73	40	190	800	920	3
21 JUL 03	37.73	38.14	40	190	900	900	3
25 JUL 03	38.15	38.22	40	190	850	900	1
~~01 AUG 03~~	~~38.23~~	~~3~~	~~40~~	~~200~~	~~875~~	~~930~~	
01 AUG 03	38.23	39.10	40	200	900	775	3
03 AUG 03	39.10	39.72	40	210	925	875	7 Doubles
07 AUG 03	39.72	40.[illegible]	40	205	900	900	7 Doubles
~~10 AUG 03~~	~~40.16~~						~~Doubles~~
11 AUG 03	40.30	40.57	40	200	900	950	3 Doubles
13 AUG 03	40.57	41.09	40	210	950	850	6 Doubles
23 OCT 03	41.09	41.42	40	210	~~925~~ 950	860	4
28 OCT 03	41.42	41.58	40	200	900	900	2
16 DEC 03	41.58	41.96	40	200	900	900	1
23 Dec 03	41.96	42.11	40	200	850	925	3
18 JAN 04	42.11	42.75	40	200	850	925	14
12 FEB 04	42.76	42.99	40	200	850	925	4

Date	Start Hrs	End hr	1st	2nd	3rd	oil pres	# Tanks	
20 FEB	42.98	43.13	40	200	900	900	2	
22 FeB	43.13	43.24	40	200	900	900	2	
19 Mar	43.26	44.27	40	200	875	900	air sample	
20 MAR	44.27	44.77	40	200	880	900	air sample	
6 JUN 04	44.77	46.00	40	200	880	900	#5 doubles	
6 JUN 04	46.00	46.23	40	200	875	915	1 double	
19 JUN 04	46.25	46.35	40	210	950	850	1 double	
19 JUN 04	46.35	46.52	40	200	920	900	2 Double	
16 AUG 04	46.52	46.78	42	210	950	760	1 single	
17 Nov 04	46.78	47.15	42	210	950	900	6 singles	and 4 cascade tanks
06 JAN 05	47.18	47.47	40	200	950	900	6 single	
14 JAN 05	47.41		40	200	875	925	3 SINGLE	
1 Apr 05	49.17		40	200	900	900	5 dbl	
5 APR 05	50.05						5 SING	
21 Apr 05	52.85	54.45	40	210	910	850	4 sing, 6 dbl, 2 EGS	
10 JUN 05	55.34	58.84	40	190	900	900	7 dbl	3 SING
10 JUN 05	56.88	56.94	40	200	900	900	1 dbl	
27 JUN 05	56.94	57.42	40	200	910	900	ALL	TOPPED OFF
29 JUN 05	57.42	58.91	40	200	910	900	ALL	
30 Jun 05	5841	5913	40	205	910	900	[illegible]	
1 JUL 05	59.13	59.68	40	200	910	900	3	DBL
03 JUL 05	59.83	59.96	40	200	900	900	4	
03 JUL 05	59.96		40	200	900	900	5	SINGLE
14 JUL 05	60.14	60.47	40	200	900	900	3	2 ~~SINGL~~ DOUBLE + 1 SINGLE
04 JUL 05	60.47	60.64	40	200	900	900	1	DBL
05 July 05	60.64	60.79	40	200	870	910	4	
06 Jul 05	60.91	61.38	40	200	890	900	6	3 Dbls + 3 EGS
7 JUL 05	60.38	61.58	40	200	850	910	6 sgl	+ 3 Dbl

Date	Start Hrs	Stop Hrs	1st	2nd	3rd	4th	5th	Finish	Remarks
7 July	61.55	62.00	42	200	870	2000	900	6	
10 July	62.05		40	200	860	2250	900	6-sing, 2dbl	
11 July	[illegible]	63.14						6 sing	2 dbl
14 JULY	63.14	63.8	40	200	800		900	3 sing	+3 sing, 4 dbls
6 JUL	63.87	64.03	40	210	800		900	4 sing	
16 Jul 05	64.03	64.78	43	215	950		875	4 sing	+ 3 dbls
20 JUL 05	64.77	65.54	42	210	900		900	5 SINGLE	4 DBL, 2 [illegible]
22 JUL 05	65.54	65.21	40	210	900		900	6 SING	
23 JUL 05	65.71	65.96	40	210	900		900	6 SING	
23 July	65.96	66.42	40	200	870	900	900	5 DBL	3 [illegible]
31 Aug 05	66.45	66.63	40	190			975	1 single	
21 SEPT 05	CONDUCTED L/O		CHANGE		+ AIR	FILTER		ROTATION	(1ST ROTATION RAN FOR SYSTEM TESTING
" " " "	66.63	66.81	40	202	910	3100	880	TEST	
05 Sep 05	66.81	66.96	40	198	910	3000	900	1 set dbl	
22 Sep 05	66.96	67.21	37	190	900		920	3 singles	

ls

12 EGS

ATI on