

CRUISE			AREA			PROJECT			DATE							
1G 16-1			Gulf			Gulf Tectonics Phase I			20 Nov 75							
TIME			TIME			TIME			TIME			TIME				
0000			0300	50241	0600	50007	0900	49762	1200	49424	1500	49116	1800	48921	2100	48710
05				50233		49999		49749		49410		49111		48912		48708
10				50224		49994		49735		49397		49104		48908		48702
15				50215		49986		49725		49386		49098		48896		48696
20				50206		49979		49718		49377		49093		48886		48689
25				50197		49969		49707		49370		49088		48882		48683
0030			0330	50191	0630	49963	0930	49699	1230	49359	1530	49083	1830	48874	2130	48678
35				50182		49956		691		49353		49075		48865		48673
40				50176		49949		682		49347		49068		48859		48670
45				50168		49940		672		49341		49060		48854		48665
50				50160		49937		662		49336		49054		48846		48661
55				50155		49928		49650		49328		49048		48840		48659
0100			0400	50150	0700	49922	1000	49638	1300	49321	1600	49039	1900	48823	2200	48648
05				50142		49915		49632		49313		49035		48827		48643
10	50373			50132		49914		49625		49303		49029		48821		48636
15	50374			50124		49912		49616		49293		49024		48816		48631
20	50377			50128		49905		49608		49280		49019		48810		48627
25	50370			50121		49899		49592		49269		49014		48808		48622
0130	50367	0430	50112	0730	49884	1030	49585	1330	49261	1630	49009	1930	48806	2230	48613	
35	50369		50109		49882		49572		49252		49003		48803		48609	
40	50367		50098		49880		49557		49243		48997		48797		48601	
45	50365		50093		49877		49549		49231		48993		48796		48595	
50	50362		50086		49863		49545		49219		48988		48792		48587	
55	50357		50082		49851		49534		49209		48984		48792		48579	
0200	50350	0500	50078	0800	49848	1100	49528	1400	49199	1700	48978	2000	48789	2300	48577	
05	50341		50072		49838		49517		49190		48976		48782		48569	
10	50333		50066		49829		49503		49180		48973		48779		48561	
15	50324		50062		49822		49495		49173		48968		48772		48554	
20	50314		50060		49812				49168		48967		48766		48544	
25	50305		50056		49807				49160		48962		48764		48537	
0230	50297	0530	50051	0830	49802	1130	49471	1430	49154	1730	48958	2030	48761	2330	48528	
35	50287		50046		791		49465		49148		48951		48754		48520	
40	50278		50039		786		49461		49142		48947		48749		48513	
45	50268		50030		780		49453		49135		48939		48738		48507	
50	50258		50024		776		49445		49129		48935		48730		48500	
55	50248		50017		770		49435		49124		48930		48721		48492	

MAG

Pg 1

Pg 1

CRUISE		AREA		PROJECT		DATE	
16-1		West-Gulf		Gulf Tect. I		26/NOV/75	
TIME	TIME	TIME	TIME	TIME	TIME	TIME	TIME
0000	48485	0300	48262	0600	48052	0900	47822
05	48480		48260		48043		47819
10	48470		48253		48034		47813
15	48462		48248		48028		47807
20	48454		48240		48012		47801
25	48445		48234		48010		47794
0030	48438	0330	48231	0630	48009	0930	47791
35	48429		48224		47999		47786
40	48421		48219		47992		47779
45	48415		48209		47986		47775
50	48409		48205		47981		47769
55	48403		48199		47975		47766
0100	48394	0400	48192	0700	47967	1000	47760
05	48390		48191		47959		47754
10	48381		48183		47949		47743
15	48372		48178		47934		47737
20	48368		48172		47928		47729
25	48352		48166		47931		47722
0130	48342	0430	48161	0730	47929	1030	47714
35	48336		48154		47927		47708
40	48331		48148		47922		47700
45	48326		48142		47915		47691
50	48323		48135		47908		47685
55	48327		48126		47898		47678
0200	48331	0500	48120	0800	47892	1100	47671
05	48332		48115		47884		47663
10	48332		48107		47877		47656
15	48329		48099		47869		47648
20	48323		48093		47864		47639
25	48318		48087		47858		47634
0230	48306	0530	48079	0830	47853	1130	47625
35	48296		48076		47846		47619
40	48287		48077		47843		47610
45	48275		48076		47836		47603
50	48274		48070		47831		47592
55	48269		48061		47826		47584

M
A
Gh
22023
SLD
TO
SSO
REFMagnetic
put multi-
channel
strip
out

2230, 800 RM

46903

MAGNETICS

LOG

PAGE 3 : 24

CRUISE		AREA				PROJECT				DATE			
I. G. 16-1		GULF				Gulf Test. I				22 NOV 75			
TIME		TIME		TIME		TIME		TIME		TIME		TIME	
0000	46897	0300	46710	0600	46603	0900	46498	1200	46553	1500		1800	
05			46701		46600		46500		46554				46603
10	46889		46696		46597		46510		46556				46607
15	46885		46694		46595		46517		46550				46606
20	46880		46694		46597		46518		46551				46609
25	46876		46688		46598		46518		46547				46614
0030	46870	0330	46679	0630	46597	0930	46518	1230	46547	1530		1830	
35	46865		46675		96		46519		46553				46618
40	46859		46672		93		46522		46556				46620
45	46854		46668		88		46519		46554				46622
50	46848		46666		81		46519		46562				46623
55	46836		46660		76		46519		46572				46624
0100	46831	0400	46659	0700	46571	1000	46517	1300	8N	1600		1900	46627
05	46828		46658		63		46520		DECK				46625
10	46820		46656		62		46516		1300				46626
15	46815		46656		57		46517		2000				46628
20	46808		46655		54		46520		5100				46626
25			46653		50		46521		5100				46630
0130	46	0430	46651	0730	46548	1030	46523	1330		1630		1930	46628
35	46793		46647		43		46531						46630
40	46786		46645		41		46532						46633
45			46643		42		46537						46632
50	46777		46640		37		46502						46637
55	46771		46640		34		46544						46635
0200		0500	46635	0800	46528	1100	46549	1400		1700		2000	46636
05			46633		27		46553					2015	46636
10			46632		23		46513					2015	46636
15	46751		46631		17							2015	46636
20	46748		46631		10							2015	46639
25	46742		46626		12		46561					2015	46640
0230	46737	0530	46622	0830	46507	1130	46562	1430		1730		2030	46643
35	46734		46621		16502		46559					2030	46643
40	46727		46618		46496		46556					2030	46648
45	46726		46610		46496		46556					2030	46644
50	46721		46606		46498		46556					2030	46646
55	46718		46603		46501		46555					2030	46648

Pg 3

c/s
550 RPM →

c/c 180° →

M
A → c/c 130°
6

→ c/s, 5 KTS

0.128 Z,
c/s 550
RPMDECK
1300
2000
5100
51000813 c/c
0300
~
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46582 RPM
46584 5 KTS

MAGNETICS

LOG

PAGE 4 : 24

CRUISE I. G. 16-1			AREA GULF			PROJECT Gulf Test, I			DATE 23 NOV. 75		
TIME		TIME		TIME		TIME		TIME		TIME	
0000	46655	0300	46712	0600	46745	0900	46719	1200	46690	1500	
05	651		46713		46747		46712		46692		
10	654		46712		46749		46707		46693		
15	655		46717		46750		46698		46693		
20	655		46717		46748		46696		46695		
25	658		46719		46749		46694		46697		
0030	657	0330	46721	0630	46756	0930	46687	1230	46698	1530	
35	659		46724		46754	BEG 4c 0300	46683		46702		
40	659		46724		46757	4.0	46678	1240	46702		
45	665		46725		46760		46669	1250	46704		
50	669		46726		46756		46661	2100	46708		
55	674		46726		46759		46659		46706		
0100	677	0400	46727	0700	46760	1000	46656	1300	46702	1600	
05	679		46729		46759		46659		46694		
10	681		46730		46760		46660		46689		
15	688		46731		46761		46660		46682		
20	685		46732		46762		46661		46677		
25	686		46733		46761		46660		46671		
0130	687	0430	46731	0730	46762	1030	46660	1330	46666	1630	
35	688		46736		46764		46663		46662		
40	692		46736		46765		46666		46657		
45	694		46736		46763		46665		46651		
50	692		46737		46758		46668		46649		
55	695		46736		46757		46668		46645		
0200	46698	0500	46736	0800	46756	1100	46669	1400	46643	1700	
05	46698		46737		46755		46673		46640		
10	46699		46740		46750		46676				
15	46700		46739		46745		46674				
20	46702		46741		46741		46678				
25	46706		46740		46738		46678				
0230	46708	0530	46742	0830	46734	1130	46679	1430	46588	1730	
35	46707		46745		46731		46681		46585		
40	46709		46744		46729		46685		46589		
45	46709		46746		46723		46685		46590		
50	46709		46742		46720		46689		46588		
55	46712		46745		46717		46689		46589		

MAGNETICS

LOG

PAGE 5 24

CRUISE I. G. 16-1			AREA GULF			PROJECT			DATE 24 NOV. 75		
TIME		TIME		TIME		TIME		TIME		TIME	
0000	46809	0300	47080	0600	47298	0900	47566	1200	47535	1500	
05	812		47080		47302		47575		47529		
10	821		47099		47306		47584		47521		
15	830		47107		47308		47589		47509		
20	839		47118		47314		47595		47503		
25	844		47128		47317		47597		47495		
0030	854	0330	47137	0630	47323	0930	47603	1230	47488	1530	
35	859		47146		47327		47606		47482		
40	871		47153		47333		47610		47472		
45	877		47164		47339		47613		47464		
50	885		47171		47343		47615		47458		
55	895		47178		47349		47619		47452		
0100	899	0400	47184	0700	47355	1000	47620	1300	47445	1600	
05	906		47191		47360	CK	47622	1507			
10	915		47197		47368	210°	47635	BRIK			
15	922		47204		47377	0°/S	47627	IN			
20	928		47209		47383	0°/S	47624	SING			
25	935		47215		47392	0°/S	47622	CHAM			
0130	46942	0430	47220	0730	47401	1030	47621	1330		1630	
35	46943		47226		47409		47619				
40	46953		47220		47418		47617				
45	46963		47225		47426		47616				
50	46967		47240		47438		47613				
55	46976		47244		47446		47612				
0200	46983	0500	47252	0800	47457	1100	47607	1400		1700	
05	46989		47256		47466		47602				
10	46997		47261		47474		47600				
15	47004		47264		47483		47593				
20	47013		47270		47493		47592				
25	47018		47274		47502		47584				
0230	47027	0530	47280	0830	47510	1130	47574	1430		1730	
35	47035		47282		47520		47567				
40	47046		47286		47529		47559				
45	47054		47288		47536		47551				
50	47064		47292		47548		47546				
55	47072		47294		47559		47541				

2053 - ON

5

CRUISE I. G. 16-1			AREA GULF--GL-N			PROJECT			DATE 25 NOV. 75		
TIME		TIME		TIME		TIME		TIME		TIME	
0000	461918	0300	46756	0600	46665	0900	46569	1200	46464	1500	46349
05	46709		46750		46665		46564		46461		46343
10	46892		46744		46664		46561		46458		46338
15	46890		46740		46661		46558		46458		46334
20	46885		46733		46659		46553		46455		46331
25	46868		46729		46658		46549		46453		46330
0030	46862	0330	46724	0630	46657	0930	46544	1230	46452	1530	46329
35	46876		46720		46656		46541		46449		46327
40	46870		46716		46654		46538		46445		46324
45	46875		46711		46655		46535		46443		46326
50	46860		46707		46655		46531		46439		46325
55	46852		46704		46655		46528		46437		46325
0100	46858	0400	46703	0700	46655	1000	46525	1300	46433	1600	46324
05	46854		46700		46655		46523		46430		46323
10	46853		46700		46655		46521		46428		46322
15	46851		46699		46656		46518		46425		46319
20	46846		46699		46654		46515		46421		46314
25	46842		46696		46652		46513		46415		46309
0130	46836	0430	46695	0730	46650	1030	46510	1330	46411	1630	46304
35	46834		46693		46648		46507		46406		46300
40	46831		46691		46647		46506		46405		46293
45	46828		46688		46643		46503		46403		46286
50	46826		46686		46639		46500		46400		46279
55	46825		46683		46634		46497		46396		46273
0200	46822	0500	46681	0800	46630	1100	46496	1400	46392	1700	46262
05	46817		46678		46626		46493		46387		46252
10	46812		46677		46621		46490		46384		46246
15	46807		46677		46615		46487		46382		46239
20	46802		46678		46610		46484		46379		46234
25	46798		46677		46609		46481		46378		46229
0230	46794	0530	46676	0830	46598	1130	46477	1430	46376	1730	46223
35	46788		46674		46595		46475		46375		46217
40	46783		46673		46589		46474		46372		46212
45	46777		46669		46582		46471		46370		46206
50	46769		46668		46579		46469		46366		46200
55	46762		46667		46572		46466		46358		46196

0115
c/s 800 RPM
(7 KTS)
c/c 245°

0218 c/s
550 RPM

6

CRUISE I. G. 16-1			AREA G L-N			PROJECT			DATE 26 NOV 75		
TIME		TIME		TIME		TIME		TIME		TIME	
0000	46041	0300	45886	0600	45797	0900	45680	1200	45573	1500	45441
05	46036		45883		45795		45681		45567		45440
10	46030		45878		45791		45682		45561		45435
15	46024		45874		45787		45674		45555		45432
20	46020		45869		45782		45668		45548		45426
25	46016		45865		45779		45666		45544		45425
0030	46011	0330	45861	0630	45777	0930	45665	1230	45542	1530	45420
35	46007		45859		45776		45663		45538		45415
40	46002		45856		45775		45659		45533		45412
45	45998		45853		45771		45660		45530		45408
50	45990		45850		45769		45658		45526		45406
55	45987		45847		45766		45654		45524		45402
0100	45	0400	45843	0700	45762	1000	45650	1300	45520	1600	45397
05			45842		45755		45647		45516		45395
10			45840		45750		45641		45514		45392
15	45967		45839		45747		45640		45511		45388
20	45962		45836		45733		45641		45509		45384
25	45959		45834		45730		45642		45506		45380
0130	45955	0430	45833	0730	45728	1030	45641	1330	45505	1630	45376
35	45951		45829		45727		45640		45501		45372
40	CHANGE		45828		45722		45639		45498		45368
45	PAPER		45826		45719		45636		45494		45364
50	45944		45824		45712		45634		45490		45361
55	45938		45823		45707		45628		45489		45357
0200	45936	0500	45822	0800	45703	1100	45623	1400	45485	1700	45353
05	45932		45820		45701		45618		45482		45349
10	45927		45818		45696		45611		45478		45346
15	45926		45814		45694		45604		45474		45341
20	45923		45813		45688		45599		45472		45338
25	45918		45811		45688		45591		45468		45333
0230	45915	0530	45810	0830	45685	1130	45588	1430	45464	1730	45329
35	45910		45810		45683		45583		45460		45322
40	45905		45811		45684		45580		45457		45320
45	45901		45809		45684		45580		45454		45314
50	45896		45805		45683		45576		45451		45312
55	45891		45802		45681		45575		45446		45307

0023 c/c
2150

please

#

pages

change
paper or
what?
LOG FILE
Pen jammed
during ship
roll.

MAGNETICS

LOG

PAGE 8 : 24

CRUISE I. 6. 16 - 1				AREA GL-N				PROJECT GULF				DATE 27 NOV 75			
TIME		TIME		TIME		TIME		TIME		TIME		TIME		TIME	
0000	45019	0300	44971	0600	44765	0900	44824	1200	44915	1500	45062	1800	45227	2100	45429
05	45020	0316 ⁰	44962		44763		44827		44917		45067		45228		45435
10	45024		44954		44760		44832		44918		45072		45230		45441
15	45027		44947		44759		44832		44921		45075		45237		45448
20	45028		44941		44758		44842		44923		45082		45242		45454
25	45036		44933		44754		44847		44923		45090		45247		45458
0030	45040	0330	44927	0630	44750	0930	44751	1230	44925	1530	45092	1830	45252	2130	45465
35	45046	0328 ⁰ 45155	44922		44744		44857		44930		45096		45256		45469
40	45056		44916		44742		44861		44931		45103		45261		45477
45	45063		44910		44739		44864		44936		45106		45266		45481
50	45072		44904		44734		44870		44941		45111		45273		45491
55	45081		44898		44733		44872		44948		45117		45277		45497
0100	45090	0400	44892	0700	44729	1000	44878	1300	44951	1600	45119	1900	45289	2200	45503
05	45095	0415 ⁰	44888		44730		44880		44953		45124		45289		45511
10	45098		44884		44730		44885		44957		45128		45293		45517
15	45100		44879		44733		44889		44964		45133		45301		45526
20	45101		44878		44737		44892		44967		45138		45306		45530
25	45101		44877		44738		44894		44972		45132		45310		45534
0130	45104	0430	44874	0730	44740	1030	44896	1330	44979	1630	45146	1930	45318	2230	45542
35	45106		44868		44744		44899		44984		45148		45323		45536
40	45099		44864		44747		44900		44988		45152		45328		45533
45	45096		44859		44754		44902		44994		45155		45333		45530
50	45092		44853		44757		44905		44999		45159		45339		45524
55	45086		44848		44762		44906		45003		45162		45347		45522
0200	45081	0500	44843	0800	44767	1100	44906	1400	45008	1700	45164	2000	45353	2300	45518
05	45073		44835		44772		44907		45011		45170		45359		45516
10	45067		44827		44776		44908		45017		45173		45364		45509
15	45059		44826		44782		44908		45021		45177		45372		45505
20	45052	0522 ⁰ 45060	44810		44785		44908		45028		45182		45378		45501
25	45044		44792		44790		44909		45029		45187		45387		45497
0230	45035	0530	44782	0830	44794	1130	44909	1430	45034	1730	45193	2030	45395	2330	45494
35	45023		44782		44801		44912		45038		45196		45398		45492
40	45012		44780		44807		44908		45045		45201		45405		45488
45	45004		44776		44810		44909		45048		45207		45411		45494
50	44992		44772		44813		44910		45051		45210		45416		45484
55	44983		44768		44819		44913		45057		45216		45425		45474

45301

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STEADY ON
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8

STEADY
ON
155°STEADY
ON
245°

CRUISE		AREA		PROJECT		DATE	
I. 6. 16-1		GL-S (GRID)		GULF		28 NOV 75	
TIME		TIME		TIME		TIME	
0000	45441	0300	45425	0600	45314	0900	45182
05	45469		45424		45312		45174
10	45469		45420		45310		45170
15	45467		45419		45300		45168
20	45466		45416		45295		45166
25	45465		45414		45294		45163
0030	45464	0330	45414	0630	45296	0930	45159
35	45463		45409		45290		45155
40	45463		45407		45287		45152
45	45464		45404		45285		45149
50	45464		45400		45282		45146
55	45462		45396		45283		45143
0100	45462	0400	45393	0700	45284	1000	45141
05	45463		45390		45280		45140
10	45462		45386		45278		45137
15	45462		45383		45276		45140
20	45461		45380		45271		45137
25	45457		45378		45266		45132
0130	45457	0430	45374	0730	45263	1030	45129
35	45454		45369		45259		45127
40	45452		45368		45253		45124
45	45449		45361		45249		45122
50	45448		45357		45243		45118
55	45446		45355		45238		45115
0200	45446	0500	45353	0800	45234	1100	45109
05	45443		45350		45230		45108
10	45442		45348		45225		45104
15	45441		45346		45222		45101
20	45439		45341		45217		45099
25	45438		45338		45213		45096
0230	45437	0530	45333	0830	45209	1130	45095
35	45435		45330		45204		45093
40	45433		45326		45199		45088
45	45432		45324		45196		45085
50	45429		45322		45191		45080
55	45427		45317		45184		45077
1200	45074	1500	45001	1800	45108	2100	45213
	45071		45005		45110		45216
	45068		45007		45116		45219
	45064		45009		45117		45220
	45059		45009		45123		45223
	45055		45012		45128		45226
1230	45051	1530	45013	1830	45129	2130	45229
	45047		45014		45133		45227
	45042		45017		45138		45234
	45038		45018		45142		45237
	45033		45017		45146		45242
	45029		45020		45149		45244
1300	45025	1600	45021	1900	45151	2200	45246
	45020		45024		45154		45250
	45014		45026		45157		45253
	45009		45028		45159		45256
	45004		45032		45162		45259
	45001		45034		45165		45261
1330	44997	1630	45035	1930	45165	2230	45264
	44992		45039		45167		45267
	44989		45042		45172		45269
	44986		45046		45170		45272
	44981		45050		45173		45271
	44981		45054		45175		45272
1400	44979	1700	45058	2000	45175	2300	45273
	44978		45062		45178		45276
	44973		45065		45181		45276
	44970		45070		45183		45278
	44975		45075		45186		45280
	44978		45080		45192		45283
1430	44980	1730	45082	2030	45193	2330	45286
	44985		45086		45195		45286
	44988		45090		45196		45286
	44991		45094		45200		45288
	44997		45097		45205		45290
	45001		45102		45208		45291

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CRUISE		AREA		PROJECT		DATE	
F.V. 167		GL-S (GRID)		GULF		29 NOV 75	
TIME		TIME		TIME		TIME	
0000	45292	0300	45374	0600	45341	0900	45267
05	45294		45376		45338		45269
10	45296		45381	0614	45337		45260
15	45298		45385	0625	45332		45257
20	45298		45388		45332		45253
25	45299		45394		45330		45247
0030	45300	0330	45397	0630	45328	0930	45244
35	45301		45396		45322		45241
40	45302		45402		45313		45239
45	45306		45399		45315		45234
50	45307		45394		45310		45227
55	45308		45392		45314		45224
0100	45308	0400	45389	0700	45321	1000	45217
05	45310		45387		45324		45215
10	45313		45384		45327		45210
15	45313		45381	0725	45327		45205
20	45315		45379		45329		45200
25	45318		45377		45327		45192
0130	45319	0430	45376	0730	45326	1030	45188
35	45322		45376		45323		45184
40	45324		45376		45320		45177
45	45326		45376		45317		45178
50	45328		45373		45313		45176
55	45330		45371		45305		45178
0200	45331	0500	45368	0800	45300	1100	45180
05	45333		45367		45296		45178
10	45336		45364		45294		45177
15	45338		45362		45291		45173
20	45343		45357		45286		45171
25	45342		45355		45283		45167
0230	45345	0530	45354	0830	45280	1130	45157
35	45351		45352		45279		45151
40	45353		45348		45276		45145
45	45356		45347		45274		45141
50	45361		45342		45273		45139
55	45368		45343		45270		45135
1200	45136	1500	45006	1800	44914	2100	44916
	45134		44998		44912		44921
	45133		44991		44910		44924
	45131		44985		44909		44928
	45129		44978		44907		44934
	45122		44972				44938
1230	45119	1530	44967	1830	44907	2130	44941
	45117		44960		44909		44947
	45114		44952		44910		44950
	45111		44949		44910		44954
	45113		44942		44910		44961
	45111		44938		44911		44964
1300	45108	1600	44933	1900	44913	2200	44966
	45106		44930		44911		44970
	45104		44933		44910		44971
	45097		44929		44910		44972
	45096		44930		44908		44978
	45089		44929		44904		44978
1330	45086	1630	44928	1930	44901	2230	44982
	45081		44927		44899		44984
	45077		44924		44899		44988
	45075		44921		44895		44991
	45073		44921		44890		44994
	45071		44920		44888		44999
1400	45071	1700	44916	2000	44887	2300	45003
	45070		44916		44884		45007
	45063		44917		44886		45012
	45057		44918		44891		45016
	45054		44917		44890		45019
	45051		44915		44885		45020
1430	45046	1730	44911	2030	44884	2330	45024
	45039		44910		44886		45028
	45035		44910		44885		45032
	45028		44912		44892		45033
	45022		44914		44894		45035
	45012		44915		44907		45037

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CRUISE		AREA				PROJECT				DATE			
I-16, 16-1		GL-S (GRID)				GULF				30 NOV 75			
TIME		TIME		TIME		TIME		TIME		TIME		TIME	
0000	45040	0300	45138	0600	45268	0900	45387	1200	45469	1500	45566	1800	45572
05	45043		45146		45274		45388		45471		45568		45573
10	45047		45152		45285		45390		45477		45567		45575
15	45050		45157		45288		45393		45483		45566		45574
20	45051		45157		45295		45396		45486		45566		45574
25	45054		45161		45301		45398		45489		45569		45572
0030	45057	0330	45164	0630	45308	0930	45398	1230	45492	1530	45568	1830	45574
35	45062		45163		45310		45403		45495		45569		45572
40	45064		45171		45311		45404		45403		45569		45568
45	45064		45174		45311		45405		45508		45569		45567
50	45066	Pan Struck			45315		45407		45516		45569		45560
55	45068		45185		45317		45412		45518		45573		45560
0100	45070	0400	45191	0700	45322	1000	45413	1300	45525	1600	45569	1900	45560
05	45072		45193		45322		45416		45532		45568		45558
10	45072		45195		45324		45417		45534		45569		45556
15	45073		45198		45327		45421		45531		45568		45561
20	45074		45204		45329		45420		45534		45572		45560
25	45075		45209		45334		45424		45535		45570		45562
0130	45078	0430	45208	0730	45334	1030	45427	1330	45538	1630	45570	1930	45561
35	45080		45216		45337		45425		45539		45570		45562
40	45081		45218		45341		45429		45542		45571		45565
45	45082		45222		45342		45431		45544		45571		45568
50	45084		45225		45347		45433		45545		45571		45568
55	45085		45230		45348		45436		45548		45568		45570
0200	45085	0500	45230	0800	45355	1100	45436	1400	45550	1700	45569	2000	45571
05	45087		45231		45358		45440		45554		45568		45574
10	45090		45233		45362		45444		45556		45569		45578
15	45091		45237		45364		45450		45554		45570		45579
20	45093		45239		45362		45450		45554	1720 CIC 070	45569		45581
25	45095		45242		45365		45453		45558		45570		45582
0230	45099	0530	45242	0830	45367	1130	45454	1430	45556	1730	45570	2030	45589
35	45102		45246		45373		45456		45560		45571		45583
40	45108		45248		45375		45459		45561		45572		45587
45	45117		45254		45378		45461		45563		45572		45581
50	45122		45259		45380		45464		45564		45569		45583
55	45128		45267		45384		45465		45568		45571		45588

CRUISE I. 6. 16-1		AREA GL-S				PROJECT GULF				DATE 1 DEC 75			
TIME		TIME		TIME		TIME		TIME		TIME		TIME	
0000	45719	0300	45801	0600	45928	0900	45995	1200	46152	1500	46249	1800	46322
05	45722		45803		45932		45998		46154		46255		46325
10	45721		45804		45934		46002		46158		46257		46331
15	45723		45805		45935		46006		46161		46258		46332
20	45726		45805		45937		46010		46167		46261		46333
25	45726		45806		45934		46014		46170		46262		46338
0030	45729	0330	45807	0630	45936	0930	46019	1230	46171	1530	46263	1830	46341
35	45735	0334	45811		45938		46023		46176		46259		46344
40	45736	0334	45813		45944		46026		46177		46259		46347
45	45739	0334	45817		45942		46030		46178		46260		46350
50	45741		45822		45941		46035		46181		46260		46354
55	45741		45824		45940		46038		46183		46263		46356
0100	45744	0400	45827	0700	45940	1000	46042	1300	46186	1600	46266	1900	46360
05	45745		45830		45936		46044		46190		46267		46364
10	45747		45833		45936		46047		46193		46271		46369
15	45746		45837		45935		46053		46195		46272		46372
20	45747		45840		45934		46058		46197		46277		46376
25	45748		45842		45932		46064		46200		46281		46381
0130	45751	0430	45844	0730	45932	1030	46071	1330	46206	1630	46280	1930	46387
35	45751		45847		45927		46077		46213		46281		46387
40	45753		45853		45928		46084		46214		46288		46391
45	45760		45857		45930		46089		46216		46290		46397
50	45767		45862		45932		46096		46219		46294		46400
55	45780		45866		45937		46097		46222		46298		46404
0200	45790	0500	45867	0800	45938	1100	46100	1400	46226	1700	46300	2000	46407
05	45798		45871		45941		46108		46228		46300	2000	46419
10	45800		45876		45947		46113		46230		46303		46424
15	45800		45879		45950		46115		46234		46306		46418
20	45801		45885		45955		46117		46241		46310		46418
25	45804		45890		45959		46122		46244		46309	2000	46431
0230	45804	0530	45897	0830	45964	1130	46127	1430	46245	1730	46309	2030	46418
35	45805		45903		45970		46130		46250		46310		46411
40	45805		45910		45974		46134		46245		46311		46399
45	45806		45917		45980		46138		46249		46315		46394
50	45802		45923		45985	1152	46141	1451	46249		46317		46382
55	45803		45927		45992	DRIVE BAD	46145		46249		46319		46376

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CRUISE IG-161		AREA GLS				PROJECT GWS				DATE 2 Dec 75	
TIME		TIME		TIME		TIME		TIME		TIME	
0000	46137	0300	45951	0600	45711	0900	45514	1200	45282	1500	45170
05	46134		45950		45704		45510		45288		45166
10	46130		45951		45698		45507		45278		45160
15	46127		45943		45692		45503		45266		45153
20	46123		45931		45687		45496		45265		45145
25	46118		45921		45680		45491		45263		45140
0030	46116	0330	45913	0630	45678	0930	45488	1230	45260	1530	45135
35	46111		45905		45673		45485		45256		45128
40	46112		45897		45669		45482		45250		45122
45	46111		45886		45663		45477		45246		45115
50	46108		45873		45658		45471		45244		45108
55	46102		45866		45655		45466		45240		45100
0100	46102	0400	45859	0700	45650	1000	45461	1300	45234	1600	45094
05	46104		45852		45645		45454		45231		45087
10	46104		45842		45639		45446		45225		45082
15	46100		45835		45632		45440		45228		45078
20	46099		45828		45628		45436		45226		45072
25	46095		45820		45624		45421		45224		45066
0130	46092	0430	45816	0730	45620	1030	45417	1330	45222	1630	45061
35	46084		45809		45615		45406		45222		45054
40	46072		45802		45610		45400		45222		45046
45	46067		45800		45605		45393		45221		45039
50	46058		45789		45601		45384		45220		45034
55	46054		45783		45597		45373		45218		45028
0200	46050	0500	45777	0800	45591	1100	45367	1400	45216	1700	45022
05	46045		45770		45586		45361		45215		45016
10	46040		45765		45582		45352		45213		45008
15	46030		45759		45578		45344		45205		45003
20	46025		45752		45571		45339		45201		44995
25	46015		45748		45566		45333		45198		44991
0230	46004	0530	45743	0830	45559	1130	45327	1430	45195	1730	44987
35	45995		45736		45551		45320		45192		44981
40	45989		45730		45545		45315		45190		44977
45	45983		45722		45536		45308		45183		44971
50	45972		45718		45524		45302		45180		44964
55	45962		45714		45519		45298		45175		44957

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CRUISE IG-16-1		AREA GULF				PROJECT						DATE 3 DEC 75	
TIME		TIME		TIME		TIME		TIME		TIME		TIME	
0000	44736	0300	44612	0600	44696	0900	44853	1200	45012	1500	44947	1800	44945
05	44734		44611		44701		44860		45018		44945		44945
10	44732		44611		44703		44863		45022		44942		44947
15	44731		44610		44705		44869		45033		44939		44948
20	44729		44610		44708		44873		45040		44937		44951
25	44725		44611		44709		44878		45040		44936		44951
0030	44715	0330	44612	0630	44713	0930	44883	1230	45045	1530	44933	1830	44951
35	44712		44612		44715		44886	1235	45044		44930		44953
40	44707		44612		44721		44892		45045		44930		44955
45	44703		44612		44723		44899		45041		44928		44956
50	44701	⁰³⁵⁰ 44610	44610		44729		44904		45040		44928		44958
55	44700		44608		44733		44907		45035		44928		44958
0100	44797	0400	44612	0700	44736	1000	44911	1300	45036	1600	44925	1900	44964
05	44691		44619		44739		44913		45031		44925		44967
10	44689		44623		44742		44920		45031		44925		44968
15	44685		44626		44748		44926		45028		44923		44974
20	44680		44628		44750		44925		45023		44924		44975
25	44677		44632		44754		44933		45020		44925		44970
0130	44674	0430	44638	0730	44757	1030	44943	1330	45019	1630	44924	1930	44966
35	44670		44642		44764		44944		45017		44924		44961
40	44667		44646		44768		44947		45015		44925		44955
45	44664		44649		44774		44950		45012		44922		44948
50	44660		44653		44778		44952		45010		44922		44945
55	44656		44656		44785		44956		45004		44924		44939
0200	44650	0500	44660	0800	44791	1100	44966	1400	45000	1700	44926	2000	44934
05	44647	⁰⁵⁰³ 44662	44662		44799		44963		44995		44926		44931
10	44643	⁰⁵⁰⁸ 44666	44666		44804		44965		44989		44927		44929
15	44639		44668		44809		44972		44984		44929		44925
20	44634		44672		44814		44978		44979		44931		44921
25	44627		44675		44821		44981		44973		44933		44917
0230	44616	0530	44680	0830	44824	1130	44968	1430	44968	1730	44935	2030	44916
35	44615		44684		44827		44991		44966		44934		44911
40	44614		44687		44833		44994		44961		44939		44906
45	44614		44690		44838		44999		44958		44937		44902
50	44612		44693		44842		45001		44955		44942		
55	44612		44693		44847		45006		44952		44942		

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CRUISE IC-16-1		AREA CSSDP-6		PROJECT CULF		DATE 4 DEC 75	
TIME		TIME		TIME		TIME	
0000	44778	0300	44644	0600	44549	0900	44635
05	44776		44640		44546		44639
10	44771		44635		44545		44642
15	44766		44631		44543		44646
20	44763		44629		44542		44560
25	44760		44624		44541		44653
0030	44757	0330	44620	0630	44542	0930	44658
35	44753		44618		44542		44661
40	44750		44612		44541		44663
45	44748		44609		44541		44665
50	44744		44600		44542		44665
55	44743		44593		44543		44665
0100	44740	0400	44590	0700	44543	1000	44668
05	44734		44590		44546		44670
10	44729		44591		44542		44674
15	44726		44590		44545		44679
20	44721		44590		44554		44683
25	44717		44591		44558		44688
0130	44711	0430	44592	0730	44562	1030	44690
35	44708		44589		44566		44694
40	44706		44587		44571		44701
45	44702		44585		44575		44703
50	44700		44583		44580		44708
55	44695		44581		44585		44712
0200	44691	0500	44577	0800	44591	1100	44716
05	44688		44574		44595		44720
10	44683		44570		44600		44723
15	44679		44570		44605		44725
20	44675		44568		44609		44729
25	44671		44566		44613		44732
0230	44668	0530	44563	0830	44617	1130	44737
35	44665		44561		44620		44741
40	44660		44557		44624		44745
45	44658		44555		44628		44748
50	44653		44552		44631		44752
55	44648		44550		44633		44753
1200	44757	1500	44827	1800	44916	2100	44802
	44760		44830		44909		44800
	44762		44834		44907		44795
	44765		44837		44902		44793
	44768		44841		44898		44790
	44772		44843		44895		44788
1230	44774	1530	44843	1830	44893	2130	44784
	44773		44847		44886		44782
	44777		44850		44884		44778
	44780		44854		44883		44775
	44782		44856		44881		44771
	44786		44862		44878		44768
1300	44787	1600	44865	1900	44876	2200	44766
	44787		44871		44872		44763
	44787		875		44869		44760
	44786		876		44867		44758
	44789		877		44864		44754
	44789		878		44861		44752
1330	44790	1630	44881	1930	44855	2230	44748
	44791		44883		44850		44746
	44795		44883		44847		44743
	44796		44886		44845		44737
	44799		44891		44842		44735
	44801		44894		44840		44732
1400	44805	1700	44895	2000	44837	2300	44729
	44807		44896		44832		44726
	44808		44900		44829		44722
	44810		44906		44827		44719
	44811		44909		44823		44717
	44813		44910		44820		44714
1430	44814	1730	44917	2030	44819	2330	44711
	44817		44919		44815		44708
	44817		44929		44813		44706
	44820		44939		44809		44703
	44822		44925		44806		44698
	44824		44921		44804		44694

CRUISE I 6-16-1		AREA CSSDP-6				PROJECT GULF				DATE 5 DEC 75			
TIME		TIME		TIME		TIME		TIME		TIME		TIME	
0000	44690	0300	44571	0600	44565	0900	44388	1200	44210	1500	44043	1800	43812
05	44684		44567		44566		44382		44203		44036		43804
10	44683		44564		44567		44376		44197		44029		43798
15	44680	0315 c/c 110°	44560		44569		44363		44192		44021		43791
20	44678		44552		44568		44342		44188		44014		43786
25	44676		44547		44565		44356		44184		44006		43778
0030	44672	0330	44548	0630	44563	0930	44351	1230	44177	1530	43999	1830	43766
35	44670		44548		44556		44345		44174		43992		43764
40	44666		44548		44551		44340		44170		43985		43762
45	44663		44549		44547		44336		44164		43979		43760
50	44660		44551		44540		44332		44162		43971		43754
55	44654		44550		44537		44328		44157		43966		43750
0100	44652	0400	44552	0700	44532	1000	44326	1300	44152	1600	43959	1900	43747
05	44648		44553		44525		44323		44149		43952		43741
10	44646		44554		44521		44318		44145		43947		43738
15	44641		44555		44515		44314		44141		43942		43731
20	44638		44555		44509		44307		44139		43937		43728
25	44636		44555		44502		44304		44136		43932		43720
0130	44636	0430	44556	0730	44497	1030	44300	1330	44132	1630	43928	1930	43714
35	44633		44554		44489		44296		44130		43922		43708
40	44631		44557		44470		44292		44124		43919		43704
45	44629		44558		44477		44288		44120		43909		43697
50	44626		44560		44472		44284		44120		43905		43690
55	44624		44562		44466		44279		44115		43902		43682
0200	44620	0500	44563	0800	44460	1100	44275	1400	44110	1700	43894	2000	43677
05	44617		44564		44454		44271		44103		43887		43670
10	44614	0512 c/s 100 RPM	44565		44446		44265		44098		43882		43664
15	44610		44568		44437		44260		44093		43876		43658
20	44607		44568		44432		44255		44089		43868		43649
25	44603		44569		44428		44250		44084		43861		43643
0230	44598	0530	44570	0830	44424	1130	44244	1430	44080	1730	43854	2030	43637
35	44593		44569		44419		44239		44075		43848		43632
40	44587		44568		44413		44234		44069		43839		43626
45	44584		44569		44406		44228		44063		43833		43619
50	44581		44567		44399		44223		44058		43825		43613
55	44575		44566		44394		44217		44049		43818		43609

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CRUISE		AREA		PROJECT		DATE	
IG-16-1		CSS DP - W		AULF		6 DEC 75	
TIME		TIME		TIME		TIME	
0000	43474	0300	43344	0600	43211	0900	43307
05	43470		43342		43211		43308
10	43467		43335		43228		43309
15	43465		43332		43232		43309
20	43462		43324		43234		43303
25	43460		43320		43236		43305
0030	43455	0330	43317	0630	43237	0930	43306
35	43449		43309		43239		43305
40	43447		43305		43241		43304
45	43442		43296		43246		43304
50	43438		43287		43246		43306
55	43436		43279		42250		43306
0100	43431	0400	43277	0700	43252	1000	43308
05	43429		43274		43256		43308
10	43425		43267		43258		43310
15	43422		43262		43269		43311
20	43417		43257		43271		43310
25	43413		43253		43273		43311
0130	43410	0430	43249	0730	43275	1030	43312
35	43409		43241		43277		43307
40	43406		43229		43279		43309
45	43403		43217		43280		43310
50	43400		43212		43283		43309
55	43398		43206		43286		43308
0200	43395	0500	43202	0800	43291	1100	43309
05	43393		43198		43289		43306
10	43387		43190		43290		43310
15	43379		43188		43292		43308
20	43378		43193		43291		43310
25	43374		43195		43294		43307
0230	43372	0530	43198	0830	43294	1130	43312
35	43369		43202		43298		43310
40	43365		43205		43298		43312
45	43364		43209		43294		43315
50	43359		43212		43295		43315
55	43352		43214		43298		43315
1200	43317	1500	43383	1800	43409	2100	43550
	43318		43382		43408		43559
	43320		43385		43403		43561
	43321		43385		43406		43565
	43322		43387		43408		43570
	43322		43387		43408		43572
1230	43322	1530	43391	1830	43409	2130	43578
	43324	1535 Q's 630 turn	43390	1838 Q's 030	43407		43578
	43323		43392		43406		43582
	43326		43394		43408		43584
	43326		43393		43416		43584
	43328		43394		43422		43587
1300	43330	1600	43394	1900	43427	2200	43592
	43330		43396		43435		43592
	43337		43399		43441		43591
	43337		43398		43449		43598
	43338		43397		43452		43597
	43338		43398		43454		43602
1330	43338	1630	43400	1930	43460	2230	43608
	43343		43403		43463	2236	43610
	43346		43400		43465	016	43614
	43355		43401		43472	020	43616
	43357		43402		43480	020	43617
	43358		43403		43483		43618
1400	43361	1700	43404	2000	43488	2300	43624
	43363		43400		43495		43623
	43364		43399		43501		43625
	43367		43403		43506		43625
	43370		43403		43508		43631
	43370		43402		43517		43633
1430	43373	1730	43403	2030	43520	2330	43642
	43374	1738 Q's 100 turn	43404		43521		43643
	43375		43405		43526		43650
	43376		43408		43527		43654
	43379		43406		43540		43663
	43377		43406		43545		43670

CRUISE			AREA			PROJECT			DATE		
16-16-1			CSSDP-E			GULF			7 DEC 75		
TIME		TIME		TIME		TIME		TIME		TIME	
0000	43683	0300	43967	0600	44221	0900	44452	1200	44678	1500	44813
05	43689		43975		44222		44461		44683		44817
10	43695		43981		44232		44470		44687		44821
15	43705		43987		44239		44477		44689		44825
20	43713		43992		44243		44486		44693		44830
25	43721		43998		44246		44495		44698		44833
0030	43726	0330	44003	0630	44256	0930	44503	1230	44700	1530	44837
35	43736		44008		44256		44508		44705		44842
40	43745		44014		44261		44518		44708		44846
45	43753		44019		44269		44523		44711		44849
50	43765		44026		44276		44532		44716		44853
55	43770		44030		44284		44537		44720		44856
0100	43777	0400	44039	0700	44292	1000	44543	1300	44724	1600	44861
05	43795		44043		44300		44551		44726		44865
10	43703		44049		44307		44556		44731		44868
15	43810		44059		44314		44563		44735		44873
20	43823		44064		44321		44567		44737		44876
25	43830		44072		44330		44575		44743		44878
0130	43841	0430	44081	0730	44337	1030	44580	1330	44748	1630	44880
35	43852		44091		44344		44586		44752		44884
40	43858		44099		44352		44592		44757		44887
45	43866		44107		44356		44594		44761		44893
50	43878		44114		44367		44602		44765		44895
55	43884		44121		44371		44609		44768		44898
0200	43892	0500	44136	0800	44378	1100	44614	1400	44773	1700	44900
05	43902		44139		44384		44620		44777		44904
10	43910	0510 C/L 015°	44146		44388		44625		44781		44906
15	43914		44156		44396		44632		44783		44910
20	43921		44163		44400		44636		44787		44914
25	43930		44171		44407		44642		44791		44918
0230	43933	0530	44183	0830	44414	1130	44648	1430	44795	1730	44922
35	43940		44189		44428		44652		44798		44925
40	43946		44194		44433		44659		44801		44932
45	43950		44203		44441		44664		44804		44935
50	43957		44208		44446		44670		44806		44940
55	43962		44214		44448		44674	1456 C/L 010°	44810		44942

5005
CIC 0100

0024
LUNS DOWN
COMPRESSOR
W 22K
M 0039
LUNS ON

A
G

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#4 GUN DEF
#1 GUN ON

CRUISE			AREA			PROJECT			DATE						
IG-16-1			CE-GRID			WULF			9 DEC 75						
TIME		TIME	TIME		TIME	TIME		TIME	TIME		TIME				
0000	46319	0300	46343	0600	46426	0900	46440	1200	46486	1500	46536	1800	46470	2100	46406
05	46323		46342		46430		46447		46488		46534		46467		46404
10	46326		46344	46300	46429		46439		46488		46532		46464		46403
15	46328		46344		46430		46438		46488		46528		46464		46401
20	46327		46343		46430		46439		46490		46524		46462		46400
25	46327		46344		46429		46439		46491		46522		46461		46398
0030	46327	0330	46344	0630	46430	0930	46438	1230	46501	1530	46519	1830	46461	2130	46397
35	46328		46345		46431	46350	46439	1240	46496		46517		46458		46394
40	46326		46346		46431		46441	1240	46496		46515		46456		46391
45	46326		46349		46431		46440	1240	46495		46512		46456		46386
50	46327		46352		46427		46442	1240	46499		46510		46455		46385
55	46328		46353		46430		46441		46495		46508		46455		46385
0100	46329	0400	46356	0700	46430	1000	46443	1300	46493	1600	46507	1900	46454	2200	46383
05	46328		46359		46431		46443		46498		46505		46454		46379
10	46328	0410	46362		46432		46443		46498		46505		46452		46375
15	46327		46367		46433		46446		46499		46504		46450		46375
20	46327		46370		46432		46446		46503		46504		46450		46373
25	46325		46372		46434		46448		46503		46502		46449		46378
0130	46326	0430	46377	0730	46436	1030	46451	1330	46509	1630	46500	1930	46448	2230	46378
35	46327		46381		46438		46450		46513		46499		46445		46380
40	46329		46385		46439		46452		46513		46498		46443		46383
45	46331		46389		46438		46455		46519		46495		46440		46382
50	46334		46393		46439		46458		46521		46494		46439		46382
55	46334		46396		46439		46457		46523		46493		46438		46383
0200	46333	0500	46398	0800	46440	1100	46458	1400	46527	1700	46491	2000	46435	2300	46385
05	46336		46402		46441		46459		46529		46490		46433		46385
10	46338		46405		46442		46461		46532		46488		46431		46385
15	46340		46407		46443		46463		46533	1710	46488		46429		46385
20	46339		46409		46442		46467		46534		46488		46425		46386
25	46340		46412		46441		46471		46538		46486		46422		46385
0230	46339	0530	46416	0830	46442	1130	46474	1430	46540	1730	46484	2030	46421	2330	46386
35	46338		46416		46442		46479	1432	46544		46482		46417		46386
40	46338		46419		46441		46483		46545		46479		46415		46387
45	46334		46422		46440		46484		46544		46479		46414		46387
50	46338		46425		46440		46484		46539		46479		46410		46389
55	46341		46421		46440		46485		46538	1750	46475		46408	335	46391

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PAGE 21 F 24

CRUISE		AREA				PROJECT				DATE			
I. 6. 16-7		CE-VRID				BULF				10 DEC 75			
TIME		TIME		TIME		TIME		TIME		TIME		TIME	
0000	46394	0300	46498	0600	46574	0900	46674	1200	46522	1500	46462	1800	46343
05	46397		46499		46577		46670		46521		46462		46340
10	46399		46501		46579		46667		46520		46460		46336
15	46402		46503		46581		46665		46516		46457		46333
20	46405		46504		46583		46658		46515		46455		46329
25	46409		46507		46586		46648		46513		46452		46325
0030	46410	0330	46509	0630	46589	0930	46634	1230	46511	1530	46450	1830	46321
35	46414		46509		46591		46626		46509		46449		46319
40	46416		46511		46594		46619		46509		46447		46315
45	46419		46513		46601		46610		46506		46444		46313
50	46421		46515		46603		46604		46504		46442		46309
55	46426		46518		46605		46598		46502		46438		46306
0100	46430	0400	46521	0700	46606	1000	46595	1300	46500	1600	46436	1900	46304
05	46432	0405	46523		46608		46586		46497		46432		46301
10	46438	0415	46525		46609		46582		46495		46429		46298
15	46440		46527		46611		46576		46494	1618 GC	46427		46294
20	46442		46529		46613		46571		46493	1632 GC	46427		46292
25	46447		46532		46614		46567		46491		46427		46290
0130	46450	0430	46533	0730	46616	1030	46563	1330	46489	1630	46420	1930	46286
35	46455		46535		46616		46559		46488		46418		46284
40	46456		46537		46619		46558		46485		46416		46280
45	46459		46538		46620		46555		46483		46413		46277
50	46463		46541		46623		46552		46483		46409		46273
55	46466		46544		46624		46550		46480		46405		46268
0200	46471	0500	46546	0800	46631	1100	46545	1400	46478	1700	46400	2000	46265
05	46474		46549		46634	1110	46545		46478		46396		46261
10	46477		46551		46639	1120	46540		46474		46391		46259
15	46480		46554		46646	1125	46539		46473		46386		46256
20	46483		46556		46651		46537		46470		46382		46252
25	46484		46559		46657		46535		46467		46377		46248
0230	46487	0530	46560	0830	46664	1130	46533	1430	46467	1730	46373	2030	46247
35	46489		46563		46672		46531	1432 GC	46466	1731 GC	46367		46244
40	46490		46564		46678		46529	1435 GC	46465	1735 GC	46362		46240
45	46491		46565		46678		46529		46465		46359		46234
50	46493		46570		46677		46527		46464		46353		46233
55	46495		46572		46675		46525		46463		46348		46235

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CRUISE		AREA				PROJECT				DATE					
IG 16-1		CE GRID - GALAPAGOS EAST				Gulf of Mexico				11 Dec 75					
TIME		TIME		TIME		TIME		TIME		TIME					
0000	46316	0300	46449	0600	46511	0900	46586	1200	46714	1500	47007	1800	47191	2100	47248
05	46378	46320	46453		46512		46589		46728		47017		47192		47257
10	46384		46458		46512		46591		46788		47023		47197		47263
15	46388		46461		46513		46594		46749		47029		47203		47272
20	46393		46463		46515		46596		46753		47033		47210		47280
25	46396		46465		46516		46599		46767		47039		47214		47288
0030	46399	0330	46467	0630	46518	0930	46601	1230	46772	1530	47044	1830	47217	2130	47297
35	46403		46477		46520		46601		46780		47047		47223		47303
40	46406		46473		46521		46600		46786		47051		47230		47312
45	46407		46476		46523		46604		46799		47056		47236		47322
50	46410		46480		46524		46603		46807		47059		47241		47330
55	46412		46481		46524		46603		46811		47065		47244		47340
0100	46414	0400	46484	0700	46525	1000	46604	1300	46816	1600	47066	1900	47247	2200	47346
05	46417		46486		46526		46597		46823		47073		47248		47352
10	46418		46487		46528		46597		46829		47076		47249		47359
15	46419		46487		46530		46597		46833		47081		47247		47367
20	46419		46488		46531		46597		46838		47087		47244		47370
25	46420		46491		46534		46597		46844		47093		47239		47375
0130	46422	0430	46492	0730	46537	1030	46597	1330	46847	1630	47099	1930	47233	2230	47385
35	46422		46491		46538		46598		46859		47104		47223		47390
40	46422		46494		46540		46598		46860		47113		47217		47396
45	46422		46492		46542		46599		46866		47117		47210		47404
50	46423		46495		46545		46604		46873		47125		47201		47409
55	46424		46496		46548		46609		46881		47128		47193		47414
0200	46425	0500	46494	0800	46551	1100	46613	1400	46889	1700	47132	2000	47188	2300	47420
05	46429		46499		46552		46616		46897		47136		47183		47427
10	46432		46497		46554		46622		46907		47143		47182		47436
15	46432		46498		46557		46628		46918		47146		47184		47440
20	46434		46498		46560		46636		46930		47149		47189		47445
25	46436		46500		46562		46647		46941		47152		47196		47450
0230	46437	0530	46501	0830	46562	1130	46654	1430	46953	1730	47155	2030	47196	2330	47456
35	46438		46501		46565		46662	46320 05750 RPM	46962		47160		47203		47463
40	46441		46504		46568		46673		46973		47164		47211		47468
45	46443		46505		46571		46681		46980		47169		47219		47475
50	46445		46506		46575		46686		46991		47172		47228		47480
55	46448		46508		46579		46696		46999		47179		47237		47483

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MAGNETICS

LOG

PAGE 23 = 24

CRUISE 10-16-1			AREA CE - Galveston East				PROJECT GOLF					DATE 12 Dec 75	
TIME		TIME		TIME		TIME		TIME		TIME		TIME	
0000	477469	0300	47680	0600	47849	0900	48026	1200	48226	1500	48405	1800	48553
05	47694		47684		47854		48032		48232		48408		48559
10	47499		47691		47859		48037		48237		48411		48552
15	47507		47694		47863		48045		48239		48418		48567
20	47513		47698		47868		48051		48244		48423		48573
25	47718		47703		47873		48059		48249		48427		48580
0030	47522	0330	47708	0630	47878	0930	48063	1230	48254	1530	48431	1830	48585
35	47528		47712		47884		48068		48258		48436		48591
40	47535		47718		47887		48072		48262		48442		48598
45	47540		47722		47891		48079		48267		48446		48609
50	47544		47726		47895		48084		48274		48450		48612
55	47550		47731		47902		48090		48278		48453		48616
0100	47555	0400	47733	0700	47906	1000	48096	1300	48282	1600	48456	1900	48623
05	47560	04335	47739		47912		48102		48284		48460		48630
10	47564		47744		47918		48107		48291		48461		48638
15	47570		47750		47924		48112		48297		48466		48643
20	47574		47755		47928		48119		48301		48469		48650
25	47578		47761		47933		48124		48301		48472		48658
0130	47582	0430	47768	0730	47939	1030	48128	1330	48312	1630	48477	1930	48664
35	47586		47773		47942		48133		48317	0.850 RPM	48481		48671
40	47591		47778		47947		48140		48321		48484		48678
45	47598		47784		47952		48146		48327		48486		48686
50	47604		47790		47958		48153		48334		48494		48693
55	47610		47797		47960		48158		48340		48495		48700
0200	47620	0500	47801	0800	47965	1100	48162	1400	48344	1700	48500	2000	48708
05	47620		47809		47968		48166		48349		48505		48713
10	47625		47813		47974		48172		48355		48508		48720
15	47631		47817		47979		48177		48359		48511		48727
20	47636		47820		47982		48182		48364		48516		48733
25	47642	0526 6/5 300 RPM	47824		47988		48190		48369		48520		48739
0230	47647	0530	47828	0830	47994	1130	48196	1430	48374	1730	48528	2030	48744
35	47653		47831		47999		48200		48381		48531		48750
40	47659		47835		48005		48204		48384	Magnet Out	48534		48754
45	47663		47840		48010		48209		48388		48537		48759
50	47669		47842		48015		48215		48395	START ROLL	48540		48763
55	47675		47847		48020		48221		48398		48547		48767

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CRUISE		AREA		PROJECT		DATE	
16-161		Gulvestad EAST		Gulf		B Dec 75	
TIME		TIME		TIME		TIME	
0000	48906	0300	49068	0600	49279	0900	49497
05	48911		49073		49285		49505
10	48917		49078		49294		49512
15	48921		49084		49301		49518
20	48926		49088		49307		49525
25	48929		49092		49313		49532
0030	48934	0330	49096	0630	49319	0930	49537
35	48938		49102		49325		49541
40	48944		49106		49332		49545
45	48948		49114		49338		49553
50	48953		49118		49343		49558
55	48960		49125		49351		49560
0100	48964	0400	49131	0700	49355	1000	49560
05	48976		49138		49369		49568
10	48978		49146		49365		49577
15	48981		49150		49371		49588
20	48985		49158		49377		49597
25	48996		49165		49381		49605
0130	48994	0430	49172	0730	49388	1030	—
35	48996		49180		49394		49617
40	49002		49184		49398		49624
45	49006		49188		49406		49632
50	49009		49194		49411		49640
55	49014		49201		49422		49653
0200	49019	0500	49208	0800	49426	1100	49650
05	49023		49215		49432		49656
10	49027		49221		49440		49663
15	49031		49225		49444		49667
20	49034		49237		49450		49673
25	49038		49246		49454		49678
0230	49042	0530	49255	0830	49458	1130	49684
35	49047		49258		49469		49692
40	49049		49259		49470		49695
45	49054		49263		49476		49701
50	49059		49269		49483		49706
55	49065		49271		49489		49710
1200	49715	1500	49905	1800	50001	2100	50253
	49723		49905		50001		50267
	49732	1527	49909	1810	49982		50275
	49741	LAST	49912	1835	49985		50288
	49748	TAPE	49918		49993		50298
	49753	END	49921		50001		50309
1230	49756	1530	49924	1830	50006	2130	50319
	49758	1531	49905		50013		50329
	49762	015	1537-		50021		50334
	49767	550			50024		50339
	49772	RPM/Magne			50031		50342
	49778	in-			50038		50343
1300	49783	1600	in-	1900	50043	2200	50344
	49791		streamer		50047		50343
	49797				50049		50341
	49801		being		50055		50340
	49809		pulled		50060		50336
	49816				50067		50333
1330	49820	1630		1930	50071	2230	50330
	49826				50078		50325
	49831				50087		50319
	49837				50094		50319
	49841				50100	2248	END 16-164
	49849	45500			50107	OFF	
1400	49853	1700		2000	50118	2300	
	49861				50130		
	49866				50136		
	49870				50148		
	49872				50155		
	49879				50167		
1430	49881	1730		2030	50178	2330	
	49888				50185		
	49891				50202		
	49895				50215		
	49897				50223		
	49901				50236		