GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER THREE FY10
01 APR – 30 JUN 2010

AUGUST 2010

SPAWAR
Systems Center
San Diego

U.S. NAVY
MARINE MAMMAL
PROGRAM
BIOSCIENCES DIVISION

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400			
MK16 tail section for MK62	300			
MK44	400			
MK26/MK36, MK52/MK55	400			
MK56	400			
MK62/MK82	800			
MK65	400			
Sea lion anchor	700			

4.6 **MK 5 Behavior Goals**	**MK 5 DET**	**MK 5 Spares**

4.7 **MK 5 Operational Summary**	**Exercise Name**	**Exercise Location**	**Sea Lions Participated**	**Total # Targets Dropped**	**Total # Targets Recovered**	**% Recovered**

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	86.0	94.5%
Body Inspect (days)	91	87.0	95.6%
Open Water Training Tasks			
Total OW Days	52	21.0	40.4%
Total OW Session Time (hours)	NA	48.6	NA
OW Session Time Average (minutes)	NA	138.9	NA
Total Transports	NA	10.0	NA
Total Transport Time (hours)	NA	5.0	NA
Avg Roundtrip Transport Time (minutes)	NA	30.0	NA
Night Operations	NA	1.0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3)

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	
	MK16 TAIL SECTION FOR MK62	
400	MK44	
400	MK26/MK36	
	MK52/MK55	
400	MK56	
600	MK62/MK82	
400	MK65	
600	SEA LION ANCHOR	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b) RECOVERED

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	86	94.5%
Pen Training Tasks			
Stationing (days)*	91	85.0	93.4%
Body Inspect (days)	91	85.0	93.4%
Open Water Training Tasks			
Total OW Days	52	64.0	123.1%
Total OW Session Time (hours)	NA	275.3	NA
OW Session Time Average (minutes)	NA	258.1	NA
Total Transports	NA	53.0	NA
Total Transport Time (hours)	NA	60.3	NA
Avg Roundtrip Transport Time (minutes)	NA	68.3	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
250	MK12 TAIL SECTION FOR MK63 MK16 TAIL SECTION FOR MK62	
400	MK44	
250	MK26/MK36 MK52/MK55 MK56	
550	MK62/MK82	
400	MK65	
550	SEA LION ANCHOR	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS RECOVERED (b)(3) [redacted]

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics: (b)(3)	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	86	94.5%
Pen Training Tasks			
Stationing (days)*	91	83.0	91.2%
Body Inspect (days)	91	83.0	91.2%
Open Water Training Tasks			
Total OW Days	52	60.0	115.4%
Total OW Session Time (hours)	NA	233.0	NA
OW Session Time Average (minutes)	NA	233.0	NA
Total Transports	NA	38.0	NA
Total Transport Time (hours)	NA	40.0	NA
Avg Roundtrip Transport Time (minutes)	NA	63.2	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.14.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	
	MK16 TAIL SECTION FOR MK62	
400	MK44	
400	MK26/MK36	
	MK52/MK55	
	MK56	
600	MK62/MK82	
400	MK65	
500	SEA LION ANCHOR	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	86	94.5%
Pen Training Tasks			
Stationing (days)*	91	85.0	93.4%
Body Inspect (days)	91	85.0	93.4%
Open Water Training Tasks			
Total OW Days	52	62.0	119.2%
Total OW Session Time (hours)	NA	270.0	NA
OW Session Time Average (minutes)	NA	261.3	NA
Total Transports	NA	53.0	NA
Total Transport Time (hours)	NA	65.0	NA
Avg Roundtrip Transport Time (minutes)	NA	73.6	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.17.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63 MK16 TAIL SECTION FOR MK62	
400	MK44	
400	MK26/MK36 MK52/MK55 MK56 No Pinger	
800	MK62/MK82	
400	MK65	
700	SEA LION ANCHOR	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	84	92.3%
Pen Training Tasks			
Stationing (days)*	91	82.0	90.1%
Body Inspect (days)	91	82.0	90.1%
Open Water Training Tasks			
Total OW Days	52	52.0	100.0%
Total OW Session Time (hours)	NA	214.0	NA
OW Session Time Average (minutes)	NA	246.9	NA
Total Transports	NA	34.0	NA
Total Transport Time (hours)	NA	44.0	NA
Avg Roundtrip Transport Time (minutes)	NA	77.6	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
250	MK12 TAIL SECTION FOR MK63	
	MK16 TAIL SECTION FOR MK62	
400	MK44	
250	MK26/MK36	
	MK52/MK55	
	MK56	
550	MK62/MK82	
400	MK65	
550	SEA LION ANCHOR	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.26 (b)(3) [redacted]

5.26.1 Training Metrics

Performance Metrics (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	84	92.3%
Pen Training Tasks			
Stationing (days)*	91	83.0	91.2%
Body Inspect (days)	91	83.0	91.2%
Open Water Training Tasks			
Total OW Days	52	54.0	103.8%
Total OW Session Time (hours)	NA	236.0	NA
OW Session Time Average (minutes)	NA	262.2	NA
Total Transports	NA	43.0	NA
Total Transport Time (hours)	NA	60.3	NA
Avg Roundtrip Transport Time (minutes)	NA	84.1	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.26.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	
	MK16 TAIL SECTION FOR MK62	
400	MK44	
400	MK26/MK36 MK52/MK55	
400	MK56 No Pinger	
800	MK62/MK82	
400	MK65	
700	SEA LION ANCHOR	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.28 (b)(3) [redacted]

5.28.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	82	90.1%
Pen Training Tasks			
Stationing (days)*	91	78.0	85.7%
Body Inspect (days)	91	79.0	86.8%
Open Water Training Tasks			
Total OW Days	52	55.0	105.8%
Total OW Session Time (hours)	NA	234.0	NA
OW Session Time Average (minutes)	NA	255.3	NA
Total Transports	NA	41.0	NA
Total Transport Time (hours)	NA	50.8	NA
Avg Roundtrip Transport Time (minutes)	NA	74.3	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.28.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
250	MK12 TAIL SECTION FOR MK63	
	MK16 TAIL SECTION FOR MK62	
400	MK44	
	MK26/MK36	
	MK52/MK55	
	MK56	
550	MK62/MK82	
400	MK65	
550	SEA LION ANCHOR	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS RECOVERED (b)(3) [redacted]

5.31 (b)(3) [redacted]

5.31.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	87	95.6%
Pen Training Tasks			
Stationing (days)*	91	86.0	94.5%
Body Inspect (days)	91	86.0	94.5%
Open Water Training Tasks			
Total OW Days	52	54.0	103.8%
Total OW Session Time (hours)	NA	219.0	NA
OW Session Time Average (minutes)	NA	243.3	NA
Total Transports	NA	45.0	NA
Total Transport Time (hours)	NA	66.6	NA
Avg Roundtrip Transport Time (minutes)	NA	88.8	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.31.2 **Performance Metrics**

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	
300	MK16 TAIL SECTION FOR MK62	
400	MK44	
400	MK26/MK36 MK52/MK55	
400	MK56	
600	MK62/MK82	
400	MK65	
600	SEA LION ANCHOR	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
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Space and Naval Warfare Systems Center
53560 Hull Street
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4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56	400	Pass		Not Tested
MK62/MK82	800	Pass	700	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	700	Pass
MK46	250	Pass	250	Pass

4.6 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Targets Dropped	Total # Targets Recovered	% Recovered
8/12-14 2010	COM2EX Kingfisher Range Maintenance	SCI	(b)(3)	8	7	87.5%
7/24-8/17 2010	RIMPAC, COMSUBPAC Range Maintenance	Hawaii		57	50 (3 recovered by minesweeper)	87.7%

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	85	92.4%
Pen Training Tasks			
Stationing (days)*	92	83.0	90.2%
Body Inspect (days)	92	85.0	92.4%
Open Water Training Tasks			
Total OW Days	52	22.0	42.3%
Total OW Session Time (hours)	NA	8.0	NA
OW Session Time Average (minutes)	NA	21.8	NA
Total Transports	NA	10.0	NA
Total Transport Time (hours)	NA	5.0	NA
Avg Roundtrip Transport Time (minutes)	NA	30.0	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	
	MK16 TAIL SECTION FOR MK62	
	MK44	
	MK26/MK36	
	MK52/MK55	
	MK56	
	MK62/MK82	
	MK65	
	SEA LION ANCHOR	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	90.0	97.8%
Body Inspect (days)	92	91.0	98.9%
Open Water Training Tasks			
Total OW Days	52	50.0	96.2%
Total OW Session Time (hours)	NA	193.0	NA
OW Session Time Average (minutes)	NA	231.6	NA
Total Transports	NA	53.0	NA
Total Transport Time (hours)	NA	60.3	NA
Avg Roundtrip Transport Time (minutes)	NA	68.3	NA
Night Operations	NA	2.0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Fail
-	MK16 TAIL SECTION FOR MK62	Not tested
400	MK44 – no pinger	Pass
400	MK26/MK36 & MK52/MK55 no pinger	Pass
-	MK56	Not tested
700	MK62/MK82 – no pinger	Pass
400	MK65 – no pinger	Pass
700	SEA LION ANCHOR – no pinger	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
7/24-8/17/2010	RIMPAC,COMSUBPAC Range Maintenance	Hawaii	(b)(3) [redacted]	57	10

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	88.0	95.7%
Body Inspect (days)	92	90.0	97.8%
Open Water Training Tasks			
Total OW Days	52	61.0	117.3%
Total OW Session Time (hours)	NA	207.0	NA
OW Session Time Average (minutes)	NA	203.6	NA
Total Transports	NA	38.0	NA
Total Transport Time (hours)	NA	40.0	NA
Avg Roundtrip Transport Time (minutes)	NA	63.2	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.14.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63 - No Pinger	Fail
-	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44 - No Pinger	Pass
400	MK26/MK36 & MK52/MK55 No Pinger	Pass
-	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65 - No Pinger	Pass
700	SEA LION ANCHOR - Pinger	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
08/12-14 2010	COM2EX Kingfisher Range Maintenance	SCI	(b)(3) [redacted]	8	4

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	90.0	97.8%
Body Inspect (days)	92	91.0	98.9%
Open Water Training Tasks			
Total OW Days	52	51.0	98.1%
Total OW Session Time (hours)	NA	191.0	NA
OW Session Time Average (minutes)	NA	224.7	NA
Total Transports	NA	53.0	NA
Total Transport Time (hours)	NA	65.0	NA
Avg Roundtrip Transport Time (minutes)	NA	73.6	NA
Night Operations	NA	2.0	NA

*=days feeding reported

5.17.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 900 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63 - No Pinger	Pass
-	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44 - No Pinger	Pass
400	MK26/MK36& MK52/MK55 - No Pinger	Pass
-	MK56	Not Tested
900	MK62/MK82	Pass
400	MK65 - No Pinger	Pass
800	SEA LION ANCHOR	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
07/24-08/17/2010	Rimpac Ka'oholawe	Hawaii	(b)(3) [redacted]	57	6

5.26 (b)(3) [redacted]

5.26.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	89.0	96.7%
Body Inspect (days)	92	90.0	97.8%
Open Water Training Tasks			
Total OW Days	52	49.0	94.2%
Total OW Session Time (hours)	NA	165.0	NA
OW Session Time Average (minutes)	NA	202.0	NA
Total Transports	NA	34.0	NA
Total Transport Time (hours)	NA	44.0	NA
Avg Roundtrip Transport Time (minutes)	NA	77.6	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.26.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63 - No Pinger	Pass
-	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44 - No Pinger	Pass
400	MK26/MK36 & MK52/MK55 - No Pinger	Pass
-	MK56	Not Tested
700	MK62/MK82 - Pinger	Pass
400	MK65 - No Pinger	Pass
700	SEA LION ANCHOR - Pinger	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
7/24 – 8/17/2010	RIMPAC, COMSUBPAC Range Maintenance	Hawaii	(b)(3) [redacted]	57	0

5.27 (b)(3) [redacted]

5.27.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	89	96.7%
Pen Training Tasks			
Stationing (days)*	92	88.0	95.7%
Body Inspect (days)	92	89.0	96.7%
Open Water Training Tasks			
Total OW Days	52	53.0	101.9%
Total OW Session Time (hours)	NA	197.0	NA
OW Session Time Average (minutes)	NA	223.0	NA
Total Transports	NA	43.0	NA
Total Transport Time (hours)	NA	60.3	NA
Avg Roundtrip Transport Time (minutes)	NA	84.1	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.27.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63 - No Pinger	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44 - No Pinger	Pass
400	MK26/MK36 & MK52/MK55 - No Pinger	Pass
400	MK56	Pass
800	MK62/MK82 - No Pinger	Pass
400	MK65 - No Pinger	Pass
800	SEA LION ANCHOR - No Pinger	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
7/24 – 8/17/2010	RIMPAC, COMSUBPAC Range Maintenance	Hawaii	(b)(3) [redacted]	57	34

5.26 (b)(3) [redacted]

5.26.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	84	92.3%
Pen Training Tasks			
Stationing (days)*	91	83.0	91.2%
Body Inspect (days)	91	83.0	91.2%
Open Water Training Tasks			
Total OW Days	52	54.0	103.8%
Total OW Session Time (hours)	NA	236.0	NA
OW Session Time Average (minutes)	NA	262.2	NA
Total Transports	NA	43.0	NA
Total Transport Time (hours)	NA	60.3	NA
Avg Roundtrip Transport Time (minutes)	NA	84.1	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.29 (b)(3) [redacted]

5.29.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	90.0	97.8%
Body Inspect (days)	92	90.0	97.8%
Open Water Training Tasks			
Total OW Days	52	61.0	117.3%
Total OW Session Time (hours)	NA	209.0	NA
OW Session Time Average (minutes)	NA	205.6	NA
Total Transports	NA	41.0	NA
Total Transport Time (hours)	NA	50.8	NA
Avg Roundtrip Transport Time (minutes)	NA	74.3	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.29.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63 - No Pinger	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44 -No Pinger	Pass
400	MK26/MK36 & MK52/MK55 -No Pinger	Pass
	MK56	Not Tested
700	MK62/MK82 - Pinger	Pass
400	MK65 - No Pinger	Pass
700	SEA LION ANCHOR - Pinger	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
8/12-14 2010	COM2EX Kingfisher Range Maintenance	SCI	(b)(3) [redacted]	8	3

5.32 (b)(3) [redacted]

5.32.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91.0	98.9%
Body Inspect (days)	92	91.0	98.9%
Open Water Training Tasks			
Total OW Days	52	4.0	7.7%
Total OW Session Time (hours)	NA	0.0	NA
OW Session Time Average (minutes)	NA	0.0	NA
Total Transports	NA	45.0	NA
Total Transport Time (hours)	NA	66.6	NA
Avg Roundtrip Transport Time (minutes)	NA	88.8	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.32.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	
300	MK16 TAIL SECTION FOR MK62	
400	MK44	
400	MK26/MK36 MK52/MK55	
400	MK56	
600	MK62/MK82	
400	MK65	
600	SEA LION ANCHOR	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER TWO FY11
01 JAN – 31 MAR 2011

MAY 2011

SPAWAR
Systems Center
San Diego

U.S. NAVY
MARINE MAMMAL
PROGRAM
BIOSCIENCES DIVISION

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass		Fail
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56	400	Pass		Not Tested
MK62/MK82	800	Pass	750	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	750	Pass

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Targets Dropped	Total # Targets Recovered	% Recovered
2/14-17	RRG JTFEX	SCI	(b)(3)	12	12	100
2/14-17	Kingfisher	SCI		7	7	100
3/14-19	340-WPS MINEX	SCI		58	58	100

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	89	98.9%
Pen Training Tasks			
Stationing (days)*	90	89.0	98.9%
Body Inspect (days)	90	89.0	98.9%
Open Water Training Tasks			
Total OW Days	52	44.0	84.6%
Total OW Session Time (hours)	NA	28.6	NA
OW Session Time Average (minutes)	NA	39.0	NA
Total Transports	NA	7.0	NA
Total Transport Time (hours)	NA	4.0	NA
Avg Roundtrip Transport Time (minutes)	NA	34.3	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested:

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	
	MK16 TAIL SECTION FOR MK62	
	MK44	
	MK26/MK36	
	MK52/MK55	
	MK56	
	MK62/MK82	
	MK65	
	SEA LION ANCHOR	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing (days)*	90	86.0	95.6%
Body Inspect (days)	90	84.0	93.3%
Open Water Training Tasks			
Total OW Days	52	63.0	121.2%
Total OW Session Time (hours)	NA	222.1	NA
OW Session Time Average (minutes)	NA	211.5	NA
Total Transports	NA	45.0	NA
Total Transport Time (hours)	NA	48.5	NA
Avg Roundtrip Transport Time (minutes)	NA	64.7	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63 No pinger	Pass
	MK16 TAIL SECTION FOR MK62 No pinger	Not Tested
400	MK44 No pinger	Pass
400	MK26/MK36 MK52/MK55 No pinger	Pass
	MK56 No pinger	Not Tested
800	MK62/MK82 No pinger	Pass
400	MK65 No pinger	Pass
800	SEA LION ANCHOR No pinger	Pass
250	MK-48	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS RECOVERED (b)(3) [redacted]
2/14-17	RRG JTFEX	SCI	(b)(3)	12	1
3/14-19	340-WPS MINEX	SCI		58	11

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	89	98.9%
Pen Training Tasks			
Stationing (days)*	90	85.0	94.4%
Body Inspect (days)	90	86.0	95.6%
Open Water Training Tasks			
Total OW Days	52	68.0	130.8%
Total OW Session Time (hours)	NA	228.6	NA
OW Session Time Average (minutes)	NA	201.7	NA
Total Transports	NA	44.0	NA
Total Transport Time (hours)	NA	54.1	NA
Avg Roundtrip Transport Time (minutes)	NA	73.8	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63 No pinger	Pass
	MK16 TAIL SECTION FOR MK62 No pinger	
400	MK44 No pinger	Pass
400	MK26/MK36 MK52/MK55 No pinger	Pass
	MK56	
800	MK62/MK82 No pinger	Pass
400	MK65 No pinger	Pass
800	SEA LION ANCHOR No pinger	Pass
250	MK-46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
2/14-17	RRG JTFEX	SCI	(b)(3)	12	3
2/14-17	Kingfisher	SCI		7	2
3/14-19	340-WPS MINEX	SCI		58	9

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	88	97.8%
Pen Training Tasks			
Stationing (days)*	90	86.0	95.6%
Body Inspect (days)	90	84.0	93.3%
Open Water Training Tasks			
Total OW Days	52	63.0	121.2%
Total OW Session Time (hours)	NA	217.4	NA
OW Session Time Average (minutes)	NA	207.0	NA
Total Transports	NA	43.0	NA
Total Transport Time (hours)	NA	48.9	NA
Avg Roundtrip Transport Time (minutes)	NA	68.2	NA
Night Operations	NA	0.0	NA

*=days feeding reported

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK83 No pinger	Pass
	MK16 TAIL SECTION FOR MK82 No pinger	
400	MK44 No pinger	Pass
400	MK26/MK36 MK52/MK55 No pinger	Pass
400	MK56 No pinger	Pass
800	MK62/MK82 No pinger	Pass
400	MK65 No pinger	Pass
800	SEA LION ANCHOR No pinger	Pass
250	MK-46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
3/14-19	340WPS MINEX	SCI	(b)(3)	58	7

5.24 (b)(3) [redacted]

5.24.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	88	97.8%
Pen Training Tasks			
Stationing (days)*	90	83.0	92.2%
Body Inspect (days)	90	82.0	91.1%
Open Water Training Tasks			
Total OW Days	52	66.0	126.9%
Total OW Session Time (hours)	NA	237.8	NA
OW Session Time Average (minutes)	NA	216.2	NA
Total Transports	NA	37.0	NA
Total Transport Time (hours)	NA	54.6	NA
Avg Roundtrip Transport Time (minutes)	NA	88.5	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.24.2 Performance Metrics

(b)(3)

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63 No pinger	Pass
400	MK16 TAIL SECTION FOR MK62 No pinger	Fail
400	MK44 No pinger	Pass
400	MK26/MK36 MK52/MK55 No pinger	Pass
	MK56	Not Tested
750	MK62/MK82 No pinger	Pass
400	MK65 No pinger	Pass
750	SEA LION ANCHOR No pinger	Fail
250	MK-46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) RECOVERED
2/14-17	RRG JTFEX	SCI	(b)(3)	12	6
2/14-17	Kingfisher	SCI		7	3
3/14-19	340-WPS MINEX	SCI		58	20

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	87	96.7%
Pen Training Tasks			
Stationing (days)*	90	85.0	94.4%
Body Inspect (days)	90	85.0	94.4%
Open Water Training Tasks			
Total OW Days	52	58.0	111.5%
Total OW Session Time (hours)	NA	204.3	NA
OW Session Time Average (minutes)	NA	211.3	NA
Total Transports	NA	39.0	NA
Total Transport Time (hours)	NA	57.1	NA
Avg Roundtrip Transport Time (minutes)	NA	87.8	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.25.2 **Performance Metrics**

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63 No pinger	Pass
250	MK16 TAIL SECTION FOR MK62 No pinger	Pass
400	MK44 No pinger	Pass
400	MK26/MK36 MK52/MK55 No pinger	Pass
400	MK56 No pinger	Pass
750	MK62/MK82 No pinger	Pass
400	MK65 No pinger	Pass
750	SEA LION ANCHOR No pinger	Pass
250	MK-46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
2/14-17	RRG JTFEX	SCI	(b)(3)	12	0

5.27 (b)(3) [redacted]

5.27.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	89	98.9%
Pen Training Tasks			
Stationing (days)*	90	87.0	96.7%
Body Inspect (days)	90	86.0	95.6%
Open Water Training Tasks			
Total OW Days	52	67.0	128.8%
Total OW Session Time (hours)	NA	241.7	NA
OW Session Time Average (minutes)	NA	216.4	NA
Total Transports	NA	42.0	NA
Total Transport Time (hours)	NA	71.3	NA
Avg Roundtrip Transport Time (minutes)	NA	101.9	NA
Night Operations	NA	0.0	NA

*=days feeding reported

5.27.2 **Performance Metrics**

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63 No pinger	Pass
	MK16 TAIL SECTION FOR MK62 No pinger	Not Tested
400	MK44 No pinger	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56 pinger	Not Tested
750	MK62/MK82 No pinger	Pass
400	MK65 No pinger	Pass
750	SEA LION ANCHOR No pinger	Pass
250	MK-46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
2/14-17	RRG JTFEX	SCI	(b)(3)	12	2
2/14-17	Kingfisher	SCI		7	2
3/14-19	340-WPS MINEX	SCI		58	11

5.30 (b)(3) [redacted]

5.30.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	88	97.8%
Pen Training Tasks			
Stationing (days)[1]	90	86.0	95.6%
Body Inspect (days)	90	86.0	95.6%
Open Water Training Tasks			
Total OW Days	52	40.0	76.9%
Total OW Session Time (hours)	NA	115.8	NA
OW Session Time Average (minutes)	NA	173.7	NA
Total Transports	NA	32.0	NA
Total Transport Time (hours)	NA	67.8	NA
Avg Roundtrip Transport Time (minutes)	NA	127.1	NA
Night Operations	NA	1.0	NA

[1]=days feeding reported

5.30.2 **Performance Metrics**

(b)(3) [redacted]

Maximum Depth Tested: 400 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Fail
250	MK16 TAIL SECTION FOR MK82	Fail
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Fail
	MK56	Not Tested
400	MK62/MK82	Pass
400	MK65	Pass
	SEA LION ANCHOR	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Fail
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER THREE FY11
01 APR – 30 JUN 2011

AUG 2011

SPAWAR
Systems Center
San Diego

U.S. NAVY
MARINE MAMMAL
PROGRAM
BIOSCIENCES DIVISION

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass	400	Pass
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56	400	Pass		Not Tested
MK62/MK82	800	Pass	750	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	750	Pass
MK46			250	Pass

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Targets Dropped	Total # Targets Recovered	% Recovered
6/1-4	CVW-9 CTX	SCI	(b)(3)	5	5	100%
6/13-17	20BS JTFEX	SCI		9	8	88.9%

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing (days)*	91	89	97.8%
Body Inspect (days)	91	89	97.8%
Open Water Training Tasks			
Total OW Days	52	40	76.9%
Total OW Session Time (hours)	NA	32.7	NA
OW Session Time Average (minutes)	NA	49.1	NA
Total Transports	NA	0	NA
Total Transport Time (hours)	NA	0	NA
Avg Roundtrip Transport Time (minutes)	NA	0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested:

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
	MK44	Not Tested
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
	MK62/MK82	Not Tested
	MK65	Not Tested
	SEA LION ANCHOR	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	88	96.7%
Body Inspect (days)	91	88	96.7%
Open Water Training Tasks			
Total OW Days	52	69	132.7%
Total OW Session Time (hours)	NA	178.4	NA
OW Session Time Average (minutes)	NA	155.1	NA
Total Transports	NA	49	NA
Total Transport Time (hours)	NA	47.4	NA
Avg Roundtrip Transport Time (minutes)	NA	58.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Fail
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Fail
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK-46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
6/1-4	CVW-9CTX	SCI	(b)(3)	5	0
6/13-17	20BS JTFEX	SCI		9	2

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	89	97.8%
Pen Training Tasks			
Stationing (days)*	91	88	96.7%
Body Inspect (days)	91	88	96.7%
Open Water Training Tasks			
Total OW Days	52	71	136.5%
Total OW Session Time (hours)	NA	170.2	NA
OW Session Time Average (minutes)	NA	143.8	NA
Total Transports	NA	48	NA
Total Transport Time (hours)	NA	52.5	NA
Avg Roundtrip Transport Time (minutes)	NA	65.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK85	Pass
800	SEA LION ANCHOR	Fail
250	MK-46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
6/13-17	208S JTFEX	SCI	(b)(3)	9	0

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	88	96.7%
Body Inspect (days)	91	88	96.7%
Open Water Training Tasks			
Total OW Days	52	66	126.9%
Total OW Session Time (hours)	NA	170.1	NA
OW Session Time Average (minutes)	NA	154.6	NA
Total Transports	NA	47	NA
Total Transport Time (hours)	NA	48.8	NA
Avg Roundtrip Transport Time (minutes)	NA	62.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
400	MK56	Pass
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK-46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS RECOVERED (b)(3) [redacted]
6/13-17	20BS JTFEX	SCI	(b)(3)	9	7

5.24 (b)(3) [redacted]

5.24.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	86	94.5%
Pen Training Tasks			
Stationing (days)*	91	86	94.5%
Body Inspect (days)	91	86	94.5%
Open Water Training Tasks			
Total OW Days	52	62	119.2%
Total OW Session Time (hours)	NA	171.3	NA
OW Session Time Average (minutes)	NA	165.8	NA
Total Transports	NA	35	NA
Total Transport Time (hours)	NA	48.4	NA
Avg Roundtrip Transport Time (minutes)	NA	83.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.24.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
400	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
250	MK-46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
6/1-4	CVW-9CTX	SCI	(b)(3)	5	1

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	85	93.4%
Pen Training Tasks			
Stationing (days)*	91	83	91.2%
Body Inspect (days)	91	83	91.2%
Open Water Training Tasks			
Total OW Days	52	60	115.4%
Total OW Session Time (hours)	NA	172.7	NA
OW Session Time Average (minutes)	NA	172.7	NA
Total Transports	NA	34	NA
Total Transport Time (hours)	NA	42.1	NA
Avg Roundtrip Transport Time (minutes)	NA	74.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
400	MK56	Pass
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Fail
250	MK-46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
6/1-4	CVW-9CTX	SCI		5	3
6/13-17	20BS JTFEX	SCI	(b)(3)	9	0

5.27 (b)(3) [redacted]

5.27.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	87	95.6%
Pen Training Tasks			
Stationing (days)*	91	86	94.5%
Body Inspect (days)	91	86	94.5%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	149.4	NA
OW Session Time Average (minutes)	NA	151.9	NA
Total Transports	NA	33	NA
Total Transport Time (hours)	NA	44.1	NA
Avg Roundtrip Transport Time (minutes)	NA	80.2	NA
Night Operations	NA	1	NA

*=days feeding reported

5.27.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
250	MK-46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS RECOVERED (b)(3) [redacted]

5.30 (b)(3) [redacted]

5.30.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	87	95.6%
Pen Training Tasks			
Stationing (days)*	91	86	94.5%
Body Inspect (days)	91	63	69.2%
Open Water Training Tasks			
Total OW Days	52	36	69.2%
Total OW Session Time (hours)	NA	18.8	NA
OW Session Time Average (minutes)	NA	31.3	NA
Total Transports	NA	9	NA
Total Transport Time (hours)	NA	15	NA
Avg Roundtrip Transport Time (minutes)	NA	98	NA
Night Operations	NA	2	NA

*=days feeding reported

5.30.2 **Performance Metrics**

(b)(3) [redacted]

Maximum Depth Tested:

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK18 TAIL SECTION FOR MK62	Not Tested
	MK44	Not Tested
	MK28/MK38	Not Tested
	MK52/MK55	
	MK56	Not Tested
	MK62/MK82	Not Tested
	MK65	Not Tested
	SEA LION ANCHOR	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	
Non-Pingered Targets	
Squeeze Cage	
Recall Pinger	
Voluntary Blood Stick	

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER FOUR FY11
01 JUL – 30 SEP 2011

NOV 2011

SPAWAR
Systems Center
San Diego

U.S. NAVY
MARINE MAMMAL
PROGRAM
BIOSCIENCES DIVISION

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK18 tail section for MK62	250	Pass	400	Fail
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56	400	Pass		Not Tested
MK62/MK82	800	Pass	800	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	800	Pass
MK46			250	Pass

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Targets Dropped	Total # Targets Recovered	% Recovered
8/8-11	IB ALPHA (SCORE)	Imperial Beach, CA	(b)(3)	28	26	92.9%
8/22-30	340WPS MINEX	SCI		61	61	100%

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	88	95.7%
Body Inspect (days)	92	88	95.7%
Open Water Training Tasks			
Total OW Days	52	53	101.9%
Total OW Session Time (hours)	NA	43.9	NA
OW Session Time Average (minutes)	NA	49.7	NA
Total Transports	NA	0	NA
Total Transport Time (hours)	NA	0.0	NA
Avg Roundtrip Transport Time (minutes)	NA	0.0	NA
Night Operations	NA	12	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested:

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
	MK44	Not Tested
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
	MK62/MK82	Not Tested
	MK65	Not Tested
	SEA LION ANCHOR	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Not Tested
Non-Pingered Targets	Not Tested
Squeeze Cage	Not Tested
Recall Pinger	Not Tested
Voluntary Blood Stick	Not Tested

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	89	96.7%
Pen Training Tasks			
Stationing (days)*	92	87	94.6%
Body Inspect (days)	92	85	92.4%
Open Water Training Tasks			
Total OW Days	52	70	134.6%
Total OW Session Time (hours)	NA	175.7	NA
OW Session Time Average (minutes)	NA	150.6	NA
Total Transports	NA	38	NA
Total Transport Time (hours)	NA	49.8	NA
Avg Roundtrip Transport Time (minutes)	NA	78.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3)

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	PASS
250	MK18 TAIL SECTION FOR MK62	FAIL
400	MK44	PASS
400	MK26/MK36 MK52/MK55	PASS
	MK56	Not Tested
800	MK62/MK82	PASS
400	MK65	PASS
800	SEA LION ANCHOR	PASS
250	MK-46	PASS

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	PASS
Non-Pingered Targets	PASS
Squeeze Cage	PASS
Recall Pinger	PASS
Voluntary Blood Stick	PASS

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS RECOVERED (b)(3)
8/22-30	SURVEY/ 340WPS	TANNER BANK/SCI		61	20
8/9	MINEX IB ALPHA SURVEY/ RECOVERY	IMPERIAL BEACH, CA	(b)(3)	28	2

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	90	97.8%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	74	142.3%
Total OW Session Time (hours)	NA	187.3	NA
OW Session Time Average (minutes)	NA	151.9	NA
Total Transports	NA	43	NA
Total Transport Time (hours)	NA	61.9	NA
Avg Roundtrip Transport Time (minutes)	NA	86.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 **Performance Metrics**

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	PASS
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	PASS
400	MK26/MK36 MK52/MK55	PASS
	MK56	Not Tested
800	MK62/MK82	PASS
400	MK65	PASS
800	SEA LION ANCHOR	PASS
250	MK-46	PASS

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	PASS
Non-Pingered Targets	PASS
Squeeze Cage	PASS
Recall Pinger	PASS
Voluntary Blood Stick	PASS

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
8/22-30	SURVEY/ 340WPS MINEX	TANNER BANK/SCI	(b)(3)	61	5
8/11	IB ALPHA SURVEY/ RECOVERY	IMPERIAL BEACH, CA		28	SURVEY ONLY

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	88	95.7%
Body Inspect (days)	92	88	95.7%
Open Water Training Tasks			
Total OW Days	52	65	125.0%
Total OW Session Time (hours)	NA	155.4	NA
OW Session Time Average (minutes)	NA	143.4	NA
Total Transports	NA	40	NA
Total Transport Time (hours)	NA	53.3	NA
Avg Roundtrip Transport Time (minutes)	NA	80.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	PASS
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	PASS
400	MK26/MK36 MK52/MK55	PASS
400	MK56	PASS
800	MK62/MK82	PASS
400	MK65	PASS
800	SEA LION ANCHOR	PASS
250	MK-46	PASS

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	PASS
Non-Pingered Targets	PASS
Squeeze Cage	PASS
Recall Pinger	PASS
Voluntary Blood Stick	PASS

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
8/22-30	SURVEY/ 340 WPS MINEX	TANNER BANK/SCI	(b)(3)	61	16
8/8, 8/9, 8/11	IB SURVEY/ RECOVERY	IMPERIAL BEACH, CA		28	9

5.24 (b)(3) [redacted]

5.24.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	86	93.5%
Pen Training Tasks			
Stationing (days)*	92	86	93.5%
Body Inspect (days)	92	86	93.5%
Open Water Training Tasks			
Total OW Days	52	62	119.2%
Total OW Session Time (hours)	NA	161.3	NA
OW Session Time Average (minutes)	NA	156.1	NA
Total Transports	NA	37	NA
Total Transport Time (hours)	NA	57.8	NA
Avg Roundtrip Transport Time (minutes)	NA	93.7	NA
Night Operations	NA	0	NA

*=days feeding reported

5.24.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	PASS
250	MK16 TAIL SECTION FOR MK62	FAIL
400	MK44	PASS
400	MK26/MK36 MK52/MK55	PASS
	MK56	Not Tested
800	MK62/MK82	PASS
400	MK65	PASS
800	SEA LION ANCHOR	PASS
250	MK-46	PASS

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	PASS
Non-Pingered Targets	PASS
Squeeze Cage	PASS
Recall Pinger	PASS
Voluntary Blood Stick	PASS

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
8/8, 8/10, 8/11	IB ALPHA SURVEY/ RECOVERY	IMPERIAL BEACH, CA	(b)(3)	28	8

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	89	96.7%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	89	96.7%
Open Water Training Tasks			
Total OW Days	52	65	125.0%
Total OW Session Time (hours)	NA	177.8	NA
OW Session Time Average (minutes)	NA	164.1	NA
Total Transports	NA	37	NA
Total Transport Time (hours)	NA	52.0	NA
Avg Roundtrip Transport Time (minutes)	NA	84.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	PASS
250	MK16 TAIL SECTION FOR MK62	PASS
400	MK44	PASS
400	MK26/MK36	PASS
400	MK52/MK55 MK56	PASS
800	MK62/MK82	PASS
400	MK65	PASS
800	SEA LION ANCHOR	FAIL
250	MK-46	FAIL

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	PASS
Non-Pingered Targets	PASS
Squeeze Cage	PASS
Recall Pinger	PASS
Voluntary Blood Stick	PASS

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
8/22-30	SURVEY/ 340WPS MINEX	TANNER BANK/SCI	(b)(3)	61	7
8/9 & 8/11	IB ALPHA SURVEY/ RECOVERY	IMPERIAL BEACH, CA		28	3

5.27 (b)(3) [redacted]

5.27.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	85	92.4%
Pen Training Tasks			
Stationing (days)*	92	85	92.4%
Body Inspect (days)	92	85	92.4%
Open Water Training Tasks			
Total OW Days	52	55	105.8%
Total OW Session Time (hours)	NA	120.5	NA
OW Session Time Average (minutes)	NA	131.5	NA
Total Transports	NA	19	NA
Total Transport Time (hours)	NA	25.2	NA
Avg Roundtrip Transport Time (minutes)	NA	79.6	NA
Night Operations	NA	11	NA

*=days feeding reported

5.27.2 Performance Metrics

(b)(3)

Maximum Depth Tested:

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
	MK44	Not Tested
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
	MK62/MK82	Not Tested
	MK65	Not Tested
	SEA LION ANCHOR	Not Tested
	MK-46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Not Tested
Non-Pingered Targets	Not Tested
Squeeze Cage	Not Tested
Recall Pinger	Not Tested
Voluntary Blood Stick	Not Tested

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS RECOVERED (b)(3)
8/22-30	SURVEY/ 340WPS MINEX	TANNER BANK/SCI	(b)(3)	61	13
8/9	IB ALPHA SURVEY/ RECOVERY	IMPERIAL BEACH, CA		28	3

5.30 (b)(3) [redacted]

5.30.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	89	96.7%
Pen Training Tasks			
Stationing (days)*	92	88	95.7%
Body Inspect (days)	92	86	93.5%
Open Water Training Tasks			
Total OW Days	52	42	80.8%
Total OW Session Time (hours)	NA	6.6	NA
OW Session Time Average (minutes)	NA	9.4	NA
Total Transports	NA	8	NA
Total Transport Time (hours)	NA	1.7	NA
Avg Roundtrip Transport Time (minutes)	NA	12.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.30.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested:

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
	MK44	Not Tested
	MK26/MK36	Not Tested
	MK52/MK55 MK56	Not Tested
	MK62/MK82	Not Tested
	MK65	Not Tested
	SEA LION ANCHOR	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Not Tested
Non-Pingered Targets	Not Tested
Squeeze Cage	Not Tested
Recall Pinger	Not Tested
Voluntary Blood Stick	Not Tested

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER ONE FY12
01 OCT – 31 DEC 2011

FEB 2012

SPAWAR
Systems Center
San Diego

U.S. NAVY
MARINE MAMMAL
PROGRAM
BIOSCIENCES DIVISION

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass	400	Pass
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56	400	Pass		Not Tested
MK62/MK82	800	Pass	800	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	800	Pass
MK46	250	Pass	250	Pass

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Targets Dropped	Total # Targets Recovered	% Recovered
10/10-13	COMTUEX	SCI		16	14	87.5%
11/16-22	77WPS MINEX	SCI	(b)(3)	12	12	100%

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	89	96.7%
Open Water Training Tasks			
Total OW Days	52	67	128.8%
Total OW Session Time (hours)	NA	173.3	NA
OW Session Time Average (minutes)	NA	155.2	NA
Total Transports	NA	34	NA
Total Transport Time (hours)	NA	46.4	NA
Avg Roundtrip Transport Time (minutes)	NA	81.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56	NOT TESTED
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
10/10-13	COMTUEX	SCI		16	6
11/16-22	77WPS MINEX	SCI		12	4

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	88	95.7%
Open Water Training Tasks			
Total OW Days	52	69	132.7%
Total OW Session Time (hours)	NA	166.7	NA
OW Session Time Average (minutes)	NA	145.0	NA
Total Transports	NA	40	NA
Total Transport Time (hours)	NA	61.2	NA
Avg Roundtrip Transport Time (minutes)	NA	91.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	NOT TESTED
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
11/16-22	77WPS MINEX	SCI	(b)(3)	12	2

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	92	100.0%
Body Inspect (days)	92	89	96.7%
Open Water Training Tasks			
Total OW Days	52	51	98.1%
Total OW Session Time (hours)	NA	60.3	NA
OW Session Time Average (minutes)	NA	70.9	NA
Total Transports	NA	12	NA
Total Transport Time (hours)	NA	6.6	NA
Avg Roundtrip Transport Time (minutes)	NA	33.0	NA
Night Operations	NA	14	NA

*=days feeding reported

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	89	96.7%
Pen Training Tasks			
Stationing (days)*	92	88	95.7%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	52	65	125.0%
Total OW Session Time (hours)	NA	178.1	NA
OW Session Time Average (minutes)	NA	164.4	NA
Total Transports	NA	41	NA
Total Transport Time (hours)	NA	68.1	NA
Avg Roundtrip Transport Time (minutes)	NA	99.7	NA
Night Operations	NA	0	NA

*=days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
400	MK56	Pass
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
11/16-22	COMTUEX	SCI	(b)(3)	12	1

5.23 (b)(3) [redacted]

5.23.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	63	121.2%
Total OW Session Time (hours)	NA	166.9	NA
OW Session Time Average (minutes)	NA	159.0	NA
Total Transports	NA	28	NA
Total Transport Time (hours)	NA	48.5	NA
Avg Roundtrip Transport Time (minutes)	NA	103.9	NA
Night Operations	NA	1	NA

*=days feeding reported

5.23.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56	NOT TESTED
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
10/10-13	COMTUEX	SCI		16	3
11/16-22	77WPS MINEX	SCI	(b)(3)	12	2

5.24 (b)(3) [redacted]

5.24.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	87	94.6%
Body Inspect (days)	92	86	93.5%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	162.4	NA
OW Session Time Average (minutes)	NA	165.2	NA
Total Transports	NA	28	NA
Total Transport Time (hours)	NA	42.3	NA
Avg Roundtrip Transport Time (minutes)	NA	90.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.24.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
400	MK56	Pass
800	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
10/10-13	COMTUEX	SCI	(b)(3)	16	5
11/16-22	77WPS MINEX	SCI		12	3

5.26 (b)(3) [redacted]

5.26.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	90	97.8%
Body Inspect (days)	92	88	95.7%
Open Water Training Tasks			
Total OW Days	52	64	123.1%
Total OW Session Time (hours)	NA	163.4	NA
OW Session Time Average (minutes)	NA	153.2	NA
Total Transports	NA	33	NA
Total Transport Time (hours)	NA	61.3	NA
Avg Roundtrip Transport Time (minutes)	NA	111.5	NA
Night Operations	NA	15	NA

*=days feeding reported

5.26.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Fail
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	NOT TESTED
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER TWO FY12
01 JAN – 31 MAR 2012

MAY 2012

SPAWAR
Systems Center
San Diego

U.S. NAVY
MARINE MAMMAL
PROGRAM
BIOSCIENCES DIVISION

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass	400	Pass
MK44	400	Pass	400	Pass
MK26/MK36, MK53/MK55	400	Pass	400	Pass
MK56	400	Pass		Not Tested
MK62/MK82	800	Pass	800	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	800	Pass
MK46	250	Pass	250	Pass

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Targets Dropped	Total # Targets Recovered	% Recovered
3/26-29	340 WPS	SCI	(b)(3)	62 unpingered	53 found	85.5%

(b)(3)
5.7 [redacted]

5.7.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	71	67	94.4%
Pen Training Tasks			
Stationing (days)*	71	66	93.0%
Body Inspect (days)	71	67	94.4%
Open Water Training Tasks			
Total OW Days	40	52	130.0%
Total OW Session Time (hours)	NA	82.1	NA
OW Session Time Average (minutes)	NA	94.7	NA
Total Transports	NA	8	NA
Total Transport Time (hours)	NA	6.1	NA
Avg Roundtrip Transport Time (minutes)	NA	45.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	87	95.6%
Pen Training Tasks			
Stationing (days)*	91	86	94.5%
Body Inspect (days)	91	86	94.5%
Open Water Training Tasks			
Total OW Days	52	70	134.6%
Total OW Session Time (hours)	NA	85.9	NA
OW Session Time Average (minutes)	NA	73.6	NA
Total Transports	NA	16	NA
Total Transport Time (hours)	NA	8.0	NA
Avg Roundtrip Transport Time (minutes)	NA	30.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing (days)*	91	90	98.9%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	68	130.8%
Total OW Session Time (hours)	NA	207.7	NA
OW Session Time Average (minutes)	NA	183.3	NA
Total Transports	NA	62	NA
Total Transport Time (hours)	NA	74.9	NA
Avg Roundtrip Transport Time (minutes)	NA	72.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56	NOT TESTED
800	MK62/MK82	Fail
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
3/26-29	340 WPS	SCI	(b)(3)	62 unpingered	9 found

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing (days)*	91	90	98.9%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	72	138.5%
Total OW Session Time (hours)	NA	204.3	NA
OW Session Time Average (minutes)	NA	170.3	NA
Total Transports	NA	62	NA
Total Transport Time (hours)	NA	73.2	NA
Avg Roundtrip Transport Time (minutes)	NA	70.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	NOT TESTED
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
3/26-29	340 WPS	SCI	(b)(3)	62 unpingered	14 found

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	88	96.7%
Body Inspect (days)	91	88	96.7%
Open Water Training Tasks			
Total OW Days	52	68	130.8%
Total OW Session Time (hours)	NA	99.5	NA
OW Session Time Average (minutes)	NA	87.8	NA
Total Transports	NA	15	NA
Total Transport Time (hours)	NA	12.4	NA
Avg Roundtrip Transport Time (minutes)	NA	49.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	89	97.8%
Pen Training Tasks			
Stationing (days)*	91	89	97.8%
Body Inspect (days)	91	89	97.8%
Open Water Training Tasks			
Total OW Days	52	68	130.8%
Total OW Session Time (hours)	NA	201.8	NA
OW Session Time Average (minutes)	NA	178.1	NA
Total Transports	NA	62	NA
Total Transport Time (hours)	NA	72.3	NA
Avg Roundtrip Transport Time (minutes)	NA	70.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
400	MK56	Pass
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
3/26-29	340 WPS	SCI	(b)(3)	62 unpingered	16 found

5.24 (b)(3) [redacted]

5.24.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	89	97.8%
Pen Training Tasks			
Stationing (days)*	91	89	97.8%
Body Inspect (days)	91	89	97.8%
Open Water Training Tasks			
Total OW Days	52	70	134.6%
Total OW Session Time (hours)	NA	189.8	NA
OW Session Time Average (minutes)	NA	162.7	NA
Total Transports	NA	62	NA
Total Transport Time (hours)	NA	61.2	NA
Avg Roundtrip Transport Time (minutes)	NA	59.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.24.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	NOT TESTED
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	90	98.9%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	64	123.1%
Total OW Session Time (hours)	NA	174.2	NA
OW Session Time Average (minutes)	NA	163.3	NA
Total Transports	NA	55	NA
Total Transport Time (hours)	NA	48.8	NA
Avg Roundtrip Transport Time (minutes)	NA	53.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 500 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
400	MK56	Pass
500	MK62/MK82	Pass
400	MK65	Fail
500	SEA LION ANCHOR	Fail
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.27 (b)(3) [redacted]

5.27.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing (days)*	91	89	97.8%
Body Inspect (days)	91	89	97.8%
Open Water Training Tasks			
Total OW Days	52	73	140.4%
Total OW Session Time (hours)	NA	212.3	NA
OW Session Time Average (minutes)	NA	174.5	NA
Total Transports	NA	63	NA
Total Transport Time (hours)	NA	67.5	NA
Avg Roundtrip Transport Time (minutes)	NA	64.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.27.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56	NOT TESTED
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
3/26-29	340 WPS	SCI	(b)(3)	62 unpingered	14 found

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER THREE FY12
01 APR – 30 JUN 2012

AUG 2012

SPAWAR
Systems Center
San Diego

U.S. NAVY
MARINE MAMMAL
PROGRAM
BIOSCIENCES DIVISION

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62		Not Tested		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56		Not Tested		Not Tested
MK62/MK82	800	Pass	550	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	400	Pass	800	Pass
MK46	250	Fail	250	Fail

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Targets Dropped	Total # Targets Recovered	% Recovered
6/4-10	340/77 WPS	SCI	(b)(3)	85 unpingered	77	90.6%

5.6 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	89	97.8%
Pen Training Tasks			
Stationing (days)*	91	86	94.5%
Body Inspect (days)	91	88	96.7%
Open Water Training Tasks			
Total OW Days	36	63	175.0%
Total OW Session Time (hours)	NA	76.3	NA
OW Session Time Average (minutes)	NA	72.7	NA
Total Transports	NA	16	NA
Total Transport Time (hours)	NA	6.9	NA
Avg Roundtrip Transport Time (minutes)	NA	25.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.10 (b)(3) [redacted]

5.10.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	89	97.8%
Pen Training Tasks			
Stationing (days)*	91	86	94.5%
Body Inspect (days)	91	86	94.5%
Open Water Training Tasks			
Total OW Days	52	66	126.9%
Total OW Session Time (hours)	NA	63.8	NA
OW Session Time Average (minutes)	NA	58.0	NA
Total Transports	NA	16	NA
Total Transport Time (hours)	NA	5.7	NA
Avg Roundtrip Transport Time (minutes)	NA	21.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing (days)*	91	88	96.7%
Body Inspect (days)	91	88	96.7%
Open Water Training Tasks			
Total OW Days	52	68	130.8%
Total OW Session Time (hours)	NA	256.8	NA
OW Session Time Average (minutes)	NA	226.6	NA
Total Transports	NA	60	NA
Total Transport Time (hours)	NA	63.8	NA
Avg Roundtrip Transport Time (minutes)	NA	63.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	NOT TESTED
800	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
6/4-10	340/77 WPS	SCI	(b)(3)	85 unpingered	29

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	89	97.8%
Pen Training Tasks			
Stationing (days)*	91	87	95.6%
Body Inspect (days)	91	87	95.6%
Open Water Training Tasks			
Total OW Days	52	65	125.0%
Total OW Session Time (hours)	NA	229.5	NA
OW Session Time Average (minutes)	NA	211.8	NA
Total Transports	NA	59	NA
Total Transport Time (hours)	NA	62.6	NA
Avg Roundtrip Transport Time (minutes)	NA	63.7	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 400 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
150	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	NOT TESTED
400	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
6/4-10	340/77 WPS	SCI		85 unpingered	3

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	85	93.4%
Body Inspect (days)	91	85	93.4%
Open Water Training Tasks			
Total OW Days	52	63	121.2%
Total OW Session Time (hours)	NA	80.5	NA
OW Session Time Average (minutes)	NA	76.7	NA
Total Transports	NA	18	NA
Total Transport Time (hours)	NA	8.7	NA
Avg Roundtrip Transport Time (minutes)	NA	29.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	85	93.4%
Body Inspect (days)	91	85	93.4%
Open Water Training Tasks			
Total OW Days	52	66	126.9%
Total OW Session Time (hours)	NA	241.8	NA
OW Session Time Average (minutes)	NA	219.8	NA
Total Transports	NA	62	NA
Total Transport Time (hours)	NA	63.9	NA
Avg Roundtrip Transport Time (minutes)	NA	61.8	NA
Night Operations	NA	1	NA

*=days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Fail
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56	NOT TESTED
550	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
6/4-10	340/77 WPS	SCI	(b)(3)	85 unpingered	17

5.22 (b)(3) [redacted]

5.22.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	89	97.8%
Pen Training Tasks			
Stationing (days)*	91	86	94.5%
Body Inspect (days)	91	86	94.5%
Open Water Training Tasks			
Total OW Days	52	70	134.6%
Total OW Session Time (hours)	NA	251.7	NA
OW Session Time Average (minutes)	NA	215.7	NA
Total Transports	NA	64	NA
Total Transport Time (hours)	NA	64.3	NA
Avg Roundtrip Transport Time (minutes)	NA	60.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.22.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	NOT TESTED
800	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
6/4-10	340/77 WPS	SCI	(b)(3)	85 unpingered	14

5.23 (b)(3) [redacted]

5.23.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	89	97.8%
Pen Training Tasks			
Stationing (days)*	91	88	96.7%
Body Inspect (days)	91	88	96.7%
Open Water Training Tasks			
Total OW Days	52	61	117.3%
Total OW Session Time (hours)	NA	201.6	NA
OW Session Time Average (minutes)	NA	198.3	NA
Total Transports	NA	55	NA
Total Transport Time (hours)	NA	46.2	NA
Avg Roundtrip Transport Time (minutes)	NA	50.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.23.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
250	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	NOT TESTED
550	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Fail
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	84	92.3%
Body Inspect (days)	91	84	92.3%
Open Water Training Tasks			
Total OW Days	52	71	136.5%
Total OW Session Time (hours)	NA	280.8	NA
OW Session Time Average (minutes)	NA	237.3	NA
Total Transports	NA	67	NA
Total Transport Time (hours)	NA	65.8	NA
Avg Roundtrip Transport Time (minutes)	NA	58.9	NA
Night Operations	NA	1	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	NOT TESTED
550	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
6/4-10	340/77 WPS	SCI	(b)(3)	85 unpingered	14

5.26 (b)(3) [redacted]

5.26.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	86	94.5%
Pen Training Tasks			
Stationing (days)*	91	83	91.2%
Body Inspect (days)	91	83	91.2%
Open Water Training Tasks			
Total OW Days	52	65	125.0%
Total OW Session Time (hours)	NA	216.2	NA
OW Session Time Average (minutes)	NA	199.6	NA
Total Transports	NA	58	NA
Total Transport Time (hours)	NA	51.5	NA
Avg Roundtrip Transport Time (minutes)	NA	53.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.26.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 400 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
150	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55 MK56	NOT TESTED
400	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER FOUR FY12
01 JUL – 30 SEP 2012

NOV 2012

SPAWAR
Systems Center
San Diego

U.S. NAVY
MARINE MAMMAL
PROGRAM
BIOSCIENCES DIVISION

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56	400	Pass		Not Tested
MK62/MK82	800	Pass	550	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	400	Pass	800	Pass
MK46	250	Pass	250	Fail

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Targets Dropped	Total # Targets Recovered	% Recovered
24 Jul-16 Aug	RIMPAC (Hawaii)	Kauai/Oahu	(b)(3)	41 unpingered	36 (3 targets not at location provided	92.7%
24 Jul-27 Aug	RIMPAC (SoCal)	Imperial Beach		56 unpingered	53 (2 targets unrecoverable)	94.6%
29 Aug	Trident Warrior	Pendleton		24 unpingered	18 (6 targets unrecoverable for MMS)	75%
4-10 Sep	SCI/340WPS Kingfisher	SCI		61 unpingered	60 (1 target unrecoverable)	98.4%
17-20 Sep	Tanner Banks	Tanner Banks/ SCI		16	16	100%

5 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	92	100.0%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	36	51	141.7%
Total OW Session Time (hours)	NA	74.6	NA
OW Session Time Average (minutes)	NA	87.8	NA
Total Transports	NA	8	NA
Total Transport Time (hours)	NA	3.6	NA
Avg Roundtrip Transport Time (minutes)	NA	27.0	NA
Night Operations	NA	1	NA

*=days feeding reported

5.10 (b)(3) [redacted]

5.10.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	48	92.3%
Total OW Session Time (hours)	NA	56.6	NA
OW Session Time Average (minutes)	NA	70.8	NA
Total Transports	NA	7	NA
Total Transport Time (hours)	NA	2.7	NA
Avg Roundtrip Transport Time (minutes)	NA	23.1	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	54	103.8%
Total OW Session Time (hours)	NA	186.0	NA
OW Session Time Average (minutes)	NA	206.7	NA
Total Transports	NA	41	NA
Total Transport Time (hours)	NA	38.3	NA
Avg Roundtrip Transport Time (minutes)	NA	56.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	NOT TESTED
800	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	N/A
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
24 Jul-16 Aug	RIMPAC (Hawaii)	Kauai/Oahu	(b)(3)	41	14
29 Aug	Trident Warrior	Pendleton		24	2
4-10 Sep	SCI/340WPS Kingfisher	SCI		61	21
17-20 Sep	Tanner Banks	Tanner Banks/SCI		16	6

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	89	96.7%
Open Water Training Tasks			
Total OW Days	52	67	128.8%
Total OW Session Time (hours)	NA	212.3	NA
OW Session Time Average (minutes)	NA	190.1	NA
Total Transports	NA	46	NA
Total Transport Time (hours)	NA	47.4	NA
Avg Roundtrip Transport Time (minutes)	NA	61.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55 MK56	NOT TESTED
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Fail
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
24 Jul-27 Aug	RIMPAC (SoCal)	Imperial Beach	(b)(3)	56	19
29 Aug	Trident Warrior	Pendleton		24	4
4-10 Sep	SCI/340WPS Kingfisher	SCI		61	7
17-20 Sep	Tanner Banks	Tanner Banks/SCI		16	0

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	51	98.1%
Total OW Session Time (hours)	NA	67.3	NA
OW Session Time Average (minutes)	NA	79.2	NA
Total Transports	NA	6	NA
Total Transport Time (hours)	NA	2.5	NA
Avg Roundtrip Transport Time (minutes)	NA	25.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.1 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	47	90.4%
Total OW Session Time (hours)	NA	159.1	NA
OW Session Time Average (minutes)	NA	203.1	NA
Total Transports	NA	37	NA
Total Transport Time (hours)	NA	37.9	NA
Avg Roundtrip Transport Time (minutes)	NA	61.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
400	MK56	Pass
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
24 Jul-16 Aug	RIMPAC (Hawaii)	Kauai/Oahu	(b)(3)	41	15
29 Aug	Trident Warrior	Pendleton		24	3
17-20 Sep	Tanner Banks	Tanner Banks/ SCI		16	9

5.22 (b)(3) [redacted]

5.22.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	50	96.2%
Total OW Session Time (hours)	NA	166.3	NA
OW Session Time Average (minutes)	NA	199.6	NA
Total Transports	NA	41	NA
Total Transport Time (hours)	NA	37.8	NA
Avg Roundtrip Transport Time (minutes)	NA	55.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.22.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56	NOT TESTED
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
24 Jul-16 Aug	RIMPAC (Hawaii)	Kauai/Oahu	(b)(3)	41	15
29 Aug	Trident Warrior	Pendleton		24	2

5.23 (b)(3) [redacted]

5.23.1 Training Metrics

Performance Metrics (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	89	96.7%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	186.5	NA
OW Session Time Average (minutes)	NA	199.8	NA
Total Transports	NA	42	NA
Total Transport Time (hours)	NA	42.4	NA
Avg Roundtrip Transport Time (minutes)	NA	60.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.23.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: N/A

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	NOT TESTED
	MK16 TAIL SECTION FOR MK62	NOT TESTED
	MK44	NOT TESTED
	MK26/MK36	NOT TESTED
	MK52/MK55 MK56	NOT TESTED
	MK62/MK82	NOT TESTED
	MK65	NOT TESTED
	SEA LION ANCHOR	NOT TESTED
	MK46	NOT TESTED

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Fail
Squeeze Cage	N/A
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
24 Jul-27 Aug	RIMPAC (SoCal)	Imperial Beach	(b)(3)	56	9

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	53	101.9%
Total OW Session Time (hours)	NA	188.3	NA
OW Session Time Average (minutes)	NA	213.2	NA
Total Transports	NA	39	NA
Total Transport Time (hours)	NA	39.6	NA
Avg Roundtrip Transport Time (minutes)	NA	60.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	NOT TESTED
600	MK62/MK82	Pass
400	MK65	Pass
600	SEA LION ANCHOR	Pass
	MK46	NOT TESTED

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
24 Jul-16 Aug	RIMPAC (Hawaii)	Kauai/Oahu	(b)(3)	41	4
29 Aug	Trident Warrior	Pendleton		24	6
4-10 Sep	SCI/340WPS Kingfisher	SCI		61	19
17-20 Sep	Tanner Banks	Tanner Banks/ SCI		16	1

5.26 (b)(3) [redacted]

5.26.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	90	97.8%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	65	125.0%
Total OW Session Time (hours)	NA	201.8	NA
OW Session Time Average (minutes)	NA	186.3	NA
Total Transports	NA	47	NA
Total Transport Time (hours)	NA	52.2	NA
Avg Roundtrip Transport Time (minutes)	NA	66.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.26.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	NOT TESTED
	MK16 TAIL SECTION FOR MK62	NOT TESTED
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55 MK56	NOT TESTED
550	MK62/MK82	Pass
400	MK65	Pass
500	SEA LION ANCHOR	Pass
	MK46	NOT TESTED

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
24 Jul-27 Aug	RIMPAC (SoCal)	Imperial Beach	(b)(3)	56	9
29 Aug	Trident Warrior	Pendleton		24	1
4-10 Sep	SCI/340WPS Kingfisher	SCI		61	13

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER ONE FY13
01 OCT – 31 DEC 2012

FEB 2013

SPAWAR
Systems Center
San Diego

U.S. NAVY
MARINE MAMMAL
PROGRAM
BIOSCIENCES DIVISION

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	350	Pass		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56		Not Tested		Not Tested
MK62/MK82	800	Pass	550	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	400	Pass	600	Pass
MK46	250	Pass	250	Fail

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Targets Dropped	Total # Targets Recovered	% Recovered
13-18 Nov	CTX/JTFX	SCI	(b)(3)	33	33	100%
29 Nov-2 Dec	77 WPS	SCI		36	36	100%

5. (b)(3) [redacted]

5.7.1 Training Metrics

Performance Metrics: (b)(3)	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	85	92.4%
Body Inspect (days)	92	84	91.3%
Open Water Training Tasks			
Total OW Days	36	76	211.1%
Total OW Session Time (hours)	NA	173.9	NA
OW Session Time Average (minutes)	NA	137.3	NA
Total Transports	NA	6	NA
Total Transport Time (hours)	NA	4.6	NA
Avg Roundtrip Transport Time (minutes)	NA	46.0	NA
Night Operations	NA	8	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	86	93.5%
Body Inspect (days)	92	86	93.5%
Open Water Training Tasks			
Total OW Days	52	68	130.8%
Total OW Session Time (hours)	NA	94.1	NA
OW Session Time Average (minutes)	NA	83.0	NA
Total Transports	NA	6	NA
Total Transport Time (hours)	NA	2.2	NA
Avg Roundtrip Transport Time (minutes)	NA	22.0	NA
Night Operations	NA	2	NA

*=days feeding reported

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	79	85.9%
Pen Training Tasks			
Stationing (days)*	92	77	83.7%
Body Inspect (days)	92	77	83.7%
Open Water Training Tasks			
Total OW Days	52	55	105.8%
Total OW Session Time (hours)	NA	131.5	NA
OW Session Time Average (minutes)	NA	143.5	NA
Total Transports	NA	44	NA
Total Transport Time (hours)	NA	40.7	NA
Avg Roundtrip Transport Time (minutes)	NA	55.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-18 Nov	CTX/JTFX	SCI	(b)(3)	33	14
29 Nov-2 Dec	77 WPS	SCI		36	17

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	77	83.7%
Pen Training Tasks			
Stationing (days)*	92	75	81.5%
Body Inspect (days)	92	75	81.5%
Open Water Training Tasks			
Total OW Days	52	60	115.4%
Total OW Session Time (hours)	NA	159.5	NA
OW Session Time Average (minutes)	NA	159.5	NA
Total Transports	NA	53	NA
Total Transport Time (hours)	NA	47.6	NA
Avg Roundtrip Transport Time (minutes)	NA	53.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Fail
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-18 Nov	CTX/JTFX	SCI	(b)(3)	33	2
29 Nov-2 Dec	77 WPS	SCI		36	4

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	86	93.5%
Body Inspect (days)	92	85	92.4%
Open Water Training Tasks			
Total OW Days	52	78	150.0%
Total OW Session Time (hours)	NA	179.1	NA
OW Session Time Average (minutes)	NA	137.8	NA
Total Transports	NA	8	NA
Total Transport Time (hours)	NA	4.9	NA
Avg Roundtrip Transport Time (minutes)	NA	36.8	NA
Night Operations	NA	7	NA

*=days feeding reported

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	77	83.7%
Pen Training Tasks			
Stationing (days)*	92	77	83.7%
Body Inspect (days)	92	77	83.7%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	151.0	NA
OW Session Time Average (minutes)	NA	161.8	NA
Total Transports	NA	49	NA
Total Transport Time (hours)	NA	41.5	NA
Avg Roundtrip Transport Time (minutes)	NA	50.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
400	MK56	Pass
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	N/A
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-18 Nov	CTX/JTFX	SCI	(b)(3)	33	9
29 Nov-2 Dec	77 WPS	SCI		36	4

5.22 (b)(3) [redacted]

5.22.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	79	85.9%
Pen Training Tasks			
Stationing (days)*	92	78	84.8%
Body Inspect (days)	92	78	84.8%
Open Water Training Tasks			
Total OW Days	52	57	109.6%
Total OW Session Time (hours)	NA	156.5	NA
OW Session Time Average (minutes)	NA	164.7	NA
Total Transports	NA	53	NA
Total Transport Time (hours)	NA	44.1	NA
Avg Roundtrip Transport Time (minutes)	NA	49.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.22.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-18 Nov	CTX/JTFX	SCI	(b)(3)	33	4
29 Nov-2 Dec	77 WPS	SCI		36	11

5.23 (b)(3) [redacted]

5.23.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	89	96.7%
Open Water Training Tasks			
Total OW Days	52	31	59.6%
Total OW Session Time (hours)	NA	90.1	NA
OW Session Time Average (minutes)	NA	174.4	NA
Total Transports	NA	27	NA
Total Transport Time (hours)	NA	24.8	NA
Avg Roundtrip Transport Time (minutes)	NA	55.1	NA
Night Operations	NA	1	NA

*=days feeding reported

5.23.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: N/A

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
	MK44	Not Tested
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
	MK62/MK82	Not Tested
	MK65	Not Tested
	SEA LION ANCHOR	Not Tested
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	N/A
Non-Pingered Targets	N/A
Squeeze Cage	Pass
Recall Pinger	N/A
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	87	94.6%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	52	60	115.4%
Total OW Session Time (hours)	NA	171.5	NA
OW Session Time Average (minutes)	NA	171.5	NA
Total Transports	NA	57	NA
Total Transport Time (hours)	NA	52.6	NA
Avg Roundtrip Transport Time (minutes)	NA	55.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
600	MK62/MK82	Pass
400	MK65	Pass
600	SEA LION ANCHOR	Pass
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.26 (b)(3) [redacted]

5.26.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	92	100.0%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	64	123.1%
Total OW Session Time (hours)	NA	164.2	NA
OW Session Time Average (minutes)	NA	153.9	NA
Total Transports	NA	60	NA
Total Transport Time (hours)	NA	52.9	NA
Avg Roundtrip Transport Time (minutes)	NA	52.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.26.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
550	MK62/MK82	Pass
400	MK65	Pass
500	SEA LION ANCHOR	Pass
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER TWO FY13
01 JAN – 31 MAR 2013

MAY 2013

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56		Not Tested		Not Tested
MK62/MK82	700	Pass	550	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	750	Pass	800	Pass
MK46	250	Pass	250	N/A

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Targets Dropped	Total # Targets Recovered/Serviced	% Recovered
19-20 & 28 Mar	IB Field Maintenance Survey	Imperial Beach, CA	(b)(3)	0	4/12	N/A

5.7 (b)(3) [redacted]

5.7.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing (days)*	90	88	97.8%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	36	85	236.1%
Total OW Session Time (hours)	NA	225.1	NA
OW Session Time Average (minutes)	NA	158.9	NA
Total Transports	NA	13	NA
Total Transport Time (hours)	NA	4.0	NA
Avg Roundtrip Transport Time (minutes)	NA	18.5	NA
Night Operations	NA	1	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	89	98.9%
Pen Training Tasks			
Stationing (days)*	90	88	97.8%
Body Inspect (days)	90	89	98.9%
Open Water Training Tasks			
Total OW Days	52	57	109.6%
Total OW Session Time (hours)	NA	71.3	NA
OW Session Time Average (minutes)	NA	75.1	NA
Total Transports	NA	8	NA
Total Transport Time (hours)	NA	0.9	NA
Avg Roundtrip Transport Time (minutes)	NA	6.8	NA
Night Operations	NA	1	NA

*=days feeding reported

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	60	115.4%
Total OW Session Time (hours)	NA	148.3	NA
OW Session Time Average (minutes)	NA	148.3	NA
Total Transports	NA	57	NA
Total Transport Time (hours)	NA	51.7	NA
Avg Roundtrip Transport Time (minutes)	NA	54.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36 MK52/MK55 MK56	3H 3GM Fail Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED/ SERVICED
19-20 & 28 Mar	IB Field Maintenance	Imperial Beach, CA	(b)(3)	0	2

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	136.3	NA
OW Session Time Average (minutes)	NA	138.6	NA
Total Transports	NA	53	NA
Total Transport Time (hours)	NA	49.0	NA
Avg Roundtrip Transport Time (minutes)	NA	55.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	4H 2M Fail
400	MK65	Pass
750	SEA LION ANCHOR	Pass
250	MK46	N/A

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED/ SERVICED
19-20 & 28 Mar	IB Field Maintenance	Imperial Beach, CA	(b)(3)	0	4

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing (days)*	90	88	97.8%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	85	163.5%
Total OW Session Time (hours)	NA	224.3	NA
OW Session Time Average (minutes)	NA	158.3	NA
Total Transports	NA	11	NA
Total Transport Time (hours)	NA	1.1	NA
Avg Roundtrip Transport Time (minutes)	NA	6.0	NA
Night Operations	NA	1	NA

*=days feeding reported

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	72	138.5%
Total OW Session Time (hours)	NA	187.0	NA
OW Session Time Average (minutes)	NA	155.8	NA
Total Transports	NA	67	NA
Total Transport Time (hours)	NA	57.7	NA
Avg Roundtrip Transport Time (minutes)	NA	51.7	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Fail
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED/ SERVICED
19-20 & 28 Mar	IB Field Maintenance	Imperial Beach, CA	(b)(3)	0	3

5.22 (b)(3) [redacted]

5.22.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	71	136.5%
Total OW Session Time (hours)	NA	185.8	NA
OW Session Time Average (minutes)	NA	157.0	NA
Total Transports	NA	66	NA
Total Transport Time (hours)	NA	57.0	NA
Avg Roundtrip Transport Time (minutes)	NA	51.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.22.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED/ SERVICED
19-20 & 28 Mar	IB Field Maintenance	Imperial Beach, CA	(b)(3)	0	5

5.23 (b)(3) [redacted]

5.23.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	33	63.5%
Total OW Session Time (hours)	NA	22.8	NA
OW Session Time Average (minutes)	NA	41.5	NA
Total Transports	NA	28	NA
Total Transport Time (hours)	NA	8.5	NA
Avg Roundtrip Transport Time (minutes)	NA	18.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.23.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 70 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
	MK44	Not Tested
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
	MK62/MK82	Not Tested
	MK65	Not Tested
	SEA LION ANCHOR	Not Tested
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	N/A
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	71	136.5%
Total OW Session Time (hours)	NA	188.3	NA
OW Session Time Average (minutes)	NA	159.1	NA
Total Transports	NA	69	NA
Total Transport Time (hours)	NA	55.7	NA
Avg Roundtrip Transport Time (minutes)	NA	48.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 650 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Fail
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
650	MK62/MK82	Pass
400	MK65	Pass
600	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.26.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 650 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55 MK56	Not Tested
650	MK62/MK82	Pass
400	MK65	Pass
650	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER THREE FY13
01 APR – 30 JUN 2013

AUG 2013

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56		Not Tested		Not Tested
MK62/MK82	800	Pass	700	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	700	Pass
MK46	250	Pass	150	Pass

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Targets Dropped	Total # Targets Recovered/Serviced	% Recovered
2-6 Apr	69th BS	SCI	Gus, Joe, Merlin, Rex	18	15 (3 unrecoverable)	83.3
24-25 May	77WPS	SCI	(b)(3)	18	15	83.3
23-29 Jun	Dawn Blitz 13	Port Hueneme, Camp Pendleton		66	45 (21 unrecoverable)	68.2

5.7 (b)(3) [redacted]

5.7.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	89	97.8%
Pen Training Tasks			
Stationing (days)*	91	89	97.8%
Body Inspect (days)	91	89	97.8%
Open Water Training Tasks			
Total OW Days	36	63	175.0%
Total OW Session Time (hours)	NA	196.9	NA
OW Session Time Average (minutes)	NA	187.5	NA
Total Transports	NA	7	NA
Total Transport Time (hours)	NA	2.6	NA
Avg Roundtrip Transport Time (minutes)	NA	22.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing (days)*	91	88	96.7%
Body Inspect (days)	91	89	97.8%
Open Water Training Tasks			
Total OW Days	52	35	67.3%
Total OW Session Time (hours)	NA	34.3	NA
OW Session Time Average (minutes)	NA	58.8	NA
Total Transports	NA	9	NA
Total Transport Time (hours)	NA	4.3	NA
Avg Roundtrip Transport Time (minutes)	NA	28.7	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	90	98.9%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	60	115.4%
Total OW Session Time (hours)	NA	184.3	NA
OW Session Time Average (minutes)	NA	184.3	NA
Total Transports	NA	57	NA
Total Transport Time (hours)	NA	58.9	NA
Avg Roundtrip Transport Time (minutes)	NA	62.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED/ SERVICED
2-6 Apr	69th BS	SCI	(b)(3)	18	4
24-25 May	77WPS	SCI		18	5
23-29 Jun	Dawn Blitz 13	Port Hueneme, Camp Pendleton		66	7

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	91	100.0%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	62	119.2%
Total OW Session Time (hours)	NA	162.3	NA
OW Session Time Average (minutes)	NA	157.1	NA
Total Transports	NA	53	NA
Total Transport Time (hours)	NA	48.3	NA
Avg Roundtrip Transport Time (minutes)	NA	54.7	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
	SEA LION ANCHOR	Not Tested
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED/ SERVICED
23-29 Jun	Dawn Blitz 13	Port Hueneme, Camp Pendleton	(b)(3)	66	2

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	86	94.5%
Pen Training Tasks			
Stationing (days)*	91	86	94.5%
Body Inspect (days)	91	86	94.5%
Open Water Training Tasks			
Total OW Days	52	66	126.9%
Total OW Session Time (hours)	NA	222.1	NA
OW Session Time Average (minutes)	NA	201.9	NA
Total Transports	NA	5	NA
Total Transport Time (hours)	NA	1.4	NA
Avg Roundtrip Transport Time (minutes)	NA	16.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing (days)*	91	88	96.7%
Body Inspect (days)	91	89	97.8%
Open Water Training Tasks			
Total OW Days	52	62	119.2%
Total OW Session Time (hours)	NA	184.2	NA
OW Session Time Average (minutes)	NA	178.3	NA
Total Transports	NA	57	NA
Total Transport Time (hours)	NA	63.5	NA
Avg Roundtrip Transport Time (minutes)	NA	66.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED/ SERVICED
2-6 Apr	69th BS	SCI	(b)(3)	18	1
24-25 May	77WPS	SCI		18	6
23-29 Jun	Dawn Blitz 13	Port Hueneme, Camp Pendleton		66	2

5.22 (b)(3) [redacted]

5.22.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing (days)*	91	90	98.9%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	68	130.8%
Total OW Session Time (hours)	NA	211.2	NA
OW Session Time Average (minutes)	NA	186.4	NA
Total Transports	NA	64	NA
Total Transport Time (hours)	NA	61.8	NA
Avg Roundtrip Transport Time (minutes)	NA	57.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.22.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED/ SERVICED
2-6 Apr	69th BS	SCI	(b)(3)	18	4
24-25 May	77WPS	SCI		18	2
23-29 Jun	Dawn Blitz 13	Port Hueneme, Camp Pendleton		66	8

5.23 (b)(3) [redacted]

5.23.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing (days)*	91	89	97.8%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	37	71.2%
Total OW Session Time (hours)	NA	51.2	NA
OW Session Time Average (minutes)	NA	83.0	NA
Total Transports	NA	34	NA
Total Transport Time (hours)	NA	27.3	NA
Avg Roundtrip Transport Time (minutes)	NA	48.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.23.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 100 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
	MK44	Not Tested
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
100	MK62/MK82	Pass
100	MK65	Pass
	SEA LION ANCHOR	Not Tested
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	N/A
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	89	97.8%
Pen Training Tasks			
Stationing (days)*	91	89	97.8%
Body Inspect (days)	91	87	95.6%
Open Water Training Tasks			
Total OW Days	52	67	128.8%
Total OW Session Time (hours)	NA	180.8	NA
OW Session Time Average (minutes)	NA	161.9	NA
Total Transports	NA	69	NA
Total Transport Time (hours)	NA	69.4	NA
Avg Roundtrip Transport Time (minutes)	NA	60.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
500	SEA LION ANCHOR	Pass
150	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
2-6 Apr	69th BS	SCI	(b)(3)	18	6
24-25 May	77WPS	SCI		18	2

5.26 (b)(3) [redacted]

5.26.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	69	132.7%
Total OW Session Time (hours)	NA	174.8	NA
OW Session Time Average (minutes)	NA	152.0	NA
Total Transports	NA	66	NA
Total Transport Time (hours)	NA	58.0	NA
Avg Roundtrip Transport Time (minutes)	NA	52.7	NA
Night Operations	NA	0	NA

*=days feeding reported

5.26.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
23-29 Jun	Dawn Blitz 13	Port Hueneme, Camp Pendleton	(b)(3)	66	4

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER FOUR FY13
01 JUL – 30 SEP 2013

NOV 2013

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics

	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56		Not Tested		Not Tested
MK62/MK82	800	Pass	750	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	750	Pass
MK46	250	Pass	250	Fail

4.6 MK 5 Behavior Goals

MK 5 DET

MK 5 Spares

4.7 MK 5 Operational Summary

	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
10-11 Jul	Dawn Blitz13	Little Creek, VA	(b)(3)	9	9	100
12-19 Jul	VACAPES13	Little Creek, VA		10	10	100
15-16 Jul	Alpha range maintenance	Point Loma, CA		6	6	100
19-24 Aug	69BS/ 77WPS/ P3 MINEX	San Clemente Island, CA		36	36	100
26 Aug/3-4 Sep	EXPMINEX	Camp Pendleton, CA		27	27	100
5 Sep	Alpha range maintenance	Point Loma, CA		1	1	100
18 Sep	UUV/ Seaweed	Imperial Beach, CA		5	5	100

5.6 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	86	93.5%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	36	60	166.7%
Total OW Session Time (hours)	NA	207.3	NA
OW Session Time Average (minutes)	NA	207.3	NA
Total Transports	NA	1	NA
Total Transport Time (hours)	NA	1.0	NA
Avg Roundtrip Transport Time (minutes)	NA	60.0	NA
Night Operations	NA	6	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	90	97.8%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	24	46.2%
Total OW Session Time (hours)	NA	17.6	NA
OW Session Time Average (minutes)	NA	44.0	NA
Total Transports	NA	3	NA
Total Transport Time (hours)	NA	0.0	NA
Avg Roundtrip Transport Time (minutes)	NA	0.0	NA
Night Operations	NA	1	NA

*=days feeding reported

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	86	93.5%
Pen Training Tasks			
Stationing (days)*	92	84	91.3%
Body Inspect (days)	92	86	93.5%
Open Water Training Tasks			
Total OW Days	52	54	103.8%
Total OW Session Time (hours)	NA	154.0	NA
OW Session Time Average (minutes)	NA	171.1	NA
Total Transports	NA	38	NA
Total Transport Time (hours)	NA	38.9	NA
Avg Roundtrip Transport Time (minutes)	NA	61.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
10-11 Jul	Dawn Blitz13	Little Creek, VA		9	3
12-19 Jul	VACAPES13	Little Creek, VA		10	3
19-24 Aug	69BS/ 77WPS/ P3 MINEX	San Clemente Island, CA	(b)(3)	36	13
26 Aug/ 3-4 Sep	EXPMINEX	Camp Pendleton, CA		27	4
18 Sep	UUV/ Seaweed	Imperial Beach, CA		5	1

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	86	93.5%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	52	58	111.5%
Total OW Session Time (hours)	NA	158.8	NA
OW Session Time Average (minutes)	NA	164.3	NA
Total Transports	NA	46	NA
Total Transport Time (hours)	NA	39.5	NA
Avg Roundtrip Transport Time (minutes)	NA	51.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
15-16 Jul	Alpha range maintenance	Point Loma, CA	(b)(3)	6	3
19-24 Aug	69BS/ 77WPS/ P3 MINEX	San Clemente Island, CA		36	3
5 Sep	Alpha range maintenance	Point Loma, CA		1	1
18 Sep	UUV/ Seaweed	Imperial Beach, CA		5	1

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	88	95.7%
Body Inspect (days)	92	88	95.7%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	195.0	NA
OW Session Time Average (minutes)	NA	198.3	NA
Total Transports	NA	0	NA
Total Transport Time (hours)	NA	0.0	NA
Avg Roundtrip Transport Time (minutes)	NA	0	NA
Night Operations	NA	11	NA

*=days feeding reported

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	85	92.4%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	163.0	NA
OW Session Time Average (minutes)	NA	174.6	NA
Total Transports	NA	40	NA
Total Transport Time (hours)	NA	45.7	NA
Avg Roundtrip Transport Time (minutes)	NA	68.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
10-11 Jul	Dawn Blitz13	Little Creek, VA	(b)(3)	9	3
12-19 Jul	VACAPES13	Little Creek, VA		10	7
19-24 Aug	69BS/ 77WPS/ P3 MINEX	San Clemente Island, CA		36	8
26 Aug/ 3-4 Sep	EXPMINEX	Camp Pendleton, CA		27	11
18 Sep	UUV/ Seaweed	Imperial Beach, CA		5	1

5.22 (b)(3) [redacted]

5.22.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	85	92.4%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	52	55	105.8%
Total OW Session Time (hours)	NA	146.6	NA
OW Session Time Average (minutes)	NA	159.9	NA
Total Transports	NA	40	NA
Total Transport Time (hours)	NA	45.9	NA
Avg Roundtrip Transport Time (minutes)	NA	68.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.22.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36 MK52/MK55	Pass
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
10-11 Jul	Dawn Blitz13	Little Creek, VA	(b)(3)	9	2
12-19 Jul	VACAPES13	Little Creek, VA		10	0
19-24 Aug	69BS/ 77WPS/ P3 MINEX	San Clemente Island, CA		36	8
26 Aug/ 3-4 Sep	EXPMINEX	Camp Pendleton, CA		27	9
18 Sep	UUV/ Seaweed	Imperial Beach, CA		5	2

5.23 (b)(3) [redacted]

5.23.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	90	97.8%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	106.1	NA
OW Session Time Average (minutes)	NA	107.9	NA
Total Transports	NA	54	NA
Total Transport Time (hours)	NA	42.5	NA
Avg Roundtrip Transport Time (minutes)	NA	47.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.23.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 125 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
125	MK44	Pass
110	MK26/MK36	Pass
125	MK52/MK55 MK56	Pass
125	MK62/MK82	Pass
125	MK65	Pass
125	SEA LION ANCHOR	Pass
125	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	89	96.7%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	89	96.7%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	136.3	NA
OW Session Time Average (minutes)	NA	146.0	NA
Total Transports	NA	47	NA
Total Transport Time (hours)	NA	40.6	NA
Avg Roundtrip Transport Time (minutes)	NA	51.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
10-11 Jul	Dawn Blitz13	Little Creek, VA	(b)(3)	9	1
12-19 Jul	VACAPES13	Little Creek, VA		10	0
26 Aug/ 3-4 Sep	EXPMINEX	Camp Pendleton, CA		27	3

5.26 (b)(3) [redacted]

5.26.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	90	97.8%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	61	117.3%
Total OW Session Time (hours)	NA	177.2	NA
OW Session Time Average (minutes)	NA	174.3	NA
Total Transports	NA	58	NA
Total Transport Time (hours)	NA	57.7	NA
Avg Roundtrip Transport Time (minutes)	NA	59.7	NA
Night Operations	NA	0	NA

*=days feeding reported

5.26.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55 MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
250	MK46	Fail

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
15-16 Jul	Alpha range maintenance	Point Loma, CA	(b)(3)	6	3
19-24 Aug	69BS/ 77WPS/ P3 MINEX	San Clemente Island, CA		36	4

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55	400	Pass	400	Pass
MK56		Not Tested		Not Tested
MK62/MK82	800	Pass	700	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	700	Pass
MK46	250	Pass	175	Pass

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered
28-30 Oct	Tanner Bank13	Tanner Bank, CA	(b)(3)	22	22
25-26 Nov	EXP MINEX/ LOE3	Camp Pendleton, CA		16	16

5.6 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	36	58	161.1%
Total OW Session Time (hours)	NA	151.9	NA
OW Session Time Average (minutes)	NA	157.1	NA
Total Transports	NA	0	NA
Total Transport Time (hours)	NA	0.0	NA
Avg Roundtrip Transport Time (minutes)	NA	0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	86	93.5%
Body Inspect (days)	92	85	92.4%
Open Water Training Tasks			
Total OW Days	52	13	25.0%
Total OW Session Time (hours)	NA	6.8	NA
OW Session Time Average (minutes)	NA	31.4	NA
Total Transports	NA	6	NA
Total Transport Time (hours)	NA	0.8	NA
Avg Roundtrip Transport Time (minutes)	NA	8.0	NA
Night Operations	NA	1	NA

*=days feeding reported

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	86	93.5%
Pen Training Tasks			
Stationing (days)*	92	86	93.5%
Body Inspect (days)	92	86	93.5%
Open Water Training Tasks			
Total OW Days	52	57	109.6%
Total OW Session Time (hours)	NA	174.0	NA
OW Session Time Average (minutes)	NA	183.2	NA
Total Transports	NA	35	NA
Total Transport Time (hours)	NA	28.8	NA
Avg Roundtrip Transport Time (minutes)	NA	49.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
28-30 Oct	Tanner Bank13	Tanner Bank, CA	(b)(3)	22	5
25-26 Nov	EXP MINEX/ LOE3	Camp Pendleton, CA		16	1

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	87	94.6%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	52	57	109.6%
Total OW Session Time (hours)	NA	173.0	NA
OW Session Time Average (minutes)	NA	182.1	NA
Total Transports	NA	35	NA
Total Transport Time (hours)	NA	28.8	NA
Avg Roundtrip Transport Time (minutes)	NA	49.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3)

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK62	Pass
400	MK65	Pass
	SEA LION ANCHOR	Not Tested
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) RECOVERED
28-30 Oct	Tanner Bank13	Tanner Bank, CA	(b)(3)	22	5

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	57	109.6%
Total OW Session Time (hours)	NA	124.3	NA
OW Session Time Average (minutes)	NA	130.8	NA
Total Transports	NA	0	NA
Total Transport Time (hours)	NA	0.0	NA
Avg Roundtrip Transport Time (minutes)	NA	0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16. (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	87	94.6%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	52	58	111.5%
Total OW Session Time (hours)	NA	172.8	NA
OW Session Time Average (minutes)	NA	178.8	NA
Total Transports	NA	34	NA
Total Transport Time (hours)	NA	27.7	NA
Avg Roundtrip Transport Time (minutes)	NA	48.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
28-30 Oct	Tanner Bank13	Tanner Bank, CA	(b)(3)	22	6
25-26 Nov	EXP MINEX/ LOE3	Camp Pendleton, CA		16	10

5.22 (b)(3) [redacted]

5.22.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	87	94.6%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	52	57	109.6%
Total OW Session Time (hours)	NA	175.5	NA
OW Session Time Average (minutes)	NA	184.7	NA
Total Transports	NA	36	NA
Total Transport Time (hours)	NA	29.3	NA
Avg Roundtrip Transport Time (minutes)	NA	48.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.22.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
28-30 Oct	Tanner Bank13	Tanner Bank, CA	(b)(3)	22	6

5.23 (b)(3) [redacted]

5.23.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	89	96.7%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	89	96.7%
Open Water Training Tasks			
Total OW Days	52	60	115.4%
Total OW Session Time (hours)	NA	132.7	NA
OW Session Time Average (minutes)	NA	132.7	NA
Total Transports	NA	55	NA
Total Transport Time (hours)	NA	44.9	NA
Avg Roundtrip Transport Time (minutes)	NA	49.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.23.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 175 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
150	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
150	MK44	Pass
175	MK26/MK36 MK52/MK55	Pass
175	MK56	Pass
150	MK62/MK82	Pass
100	MK65	Pass
175	SEA LION ANCHOR	Pass
175	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
25-26 Nov	EXP MINEX/ LOE3	Camp Pendleton, CA	(b)(3)	16	5

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	61	117.3%
Total OW Session Time (hours)	NA	183.5	NA
OW Session Time Average (minutes)	NA	180.5	NA
Total Transports	NA	59	NA
Total Transport Time (hours)	NA	52.9	NA
Avg Roundtrip Transport Time (minutes)	NA	53.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
175	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.26 (b)(3) [redacted]

5.26.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	62	119.2%
Total OW Session Time (hours)	NA	172.8	NA
OW Session Time Average (minutes)	NA	167.2	NA
Total Transports	NA	57	NA
Total Transport Time (hours)	NA	51.3	NA
Avg Roundtrip Transport Time (minutes)	NA	54.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.26.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
400	MK26/MK36	Pass
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
175	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER TWO FY14
01 JAN – 31 MAR 2014

MAY 2014

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	225	Pass
MK16 tail section for MK62	250	Pass		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55		Not Tested		Not Tested
MK56		Not Tested		Not Tested
MK62/MK82	800	Pass	700	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	800	Pass
MK46	250	Pass	250	Pass

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
03-06 Feb	CVW-17	SCI	(b)(3)	0	0	N/A
24-30 Mar	CVW-17/ 28th BS/ 340th WPS	SCI		80	80	100

5.3 (b)(3) [redacted]

5.3.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	86	95.6%
Pen Training Tasks			
Stationing (days)*	90	86	95.6%
Body Inspect (days)	90	86	95.6%
Open Water Training Tasks			
Total OW Days	52	75	144.2%
Total OW Session Time (hours)	NA	208.2	NA
OW Session Time Average (minutes)	NA	166.6	NA
Total Transports	NA	1	NA
Total Transport Time (hours)	NA	8.0	NA
Avg Roundtrip Transport Time (minutes)	NA	480.0	NA
Night Operations	NA	1	NA

*=days feeding reported

5.7 (b)(3) [redacted]

5.7.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	85	94.4%
Pen Training Tasks			
Stationing (days)*	90	84	93.3%
Body Inspect (days)	90	84	93.3%
Open Water Training Tasks			
Total OW Days	36	71	197.2%
Total OW Session Time (hours)	NA	197.1	NA
OW Session Time Average (minutes)	NA	166.6	NA
Total Transports	NA	1	NA
Total Transport Time (hours)	NA	3.0	NA
Avg Roundtrip Transport Time (minutes)	NA	180.0	NA
Night Operations	NA	1	NA

*=days feeding reported

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	87	96.7%
Pen Training Tasks			
Stationing (days)*	90	84	93.3%
Body Inspect (days)	90	85	94.4%
Open Water Training Tasks			
Total OW Days	52	55	105.8%
Total OW Session Time (hours)	NA	195.5	NA
OW Session Time Average (minutes)	NA	213.3	NA
Total Transports	NA	43	NA
Total Transport Time (hours)	NA	40.0	NA
Avg Roundtrip Transport Time (minutes)	NA	55.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
03-06 Feb	CVW-17	SCI		0	0
24-30 Mar	CVW-17/ 28th BS/ 340th WPS	SCI		80	24

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	86	95.6%
Pen Training Tasks			
Stationing (days)*	90	86	95.6%
Body Inspect (days)	90	86	95.6%
Open Water Training Tasks			
Total OW Days	52	53	101.9%
Total OW Session Time (hours)	NA	178.1	NA
OW Session Time Average (minutes)	NA	201.6	NA
Total Transports	NA	41	NA
Total Transport Time (hours)	NA	38.8	NA
Avg Roundtrip Transport Time (minutes)	NA	56.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
03-06 Feb	CVW-17	SCI	(b)(3)	0	0
24-30 Mar	CVW-17/ 28th BS/ 340th WPS	SCI		80	6

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	85	94.4%
Pen Training Tasks			
Stationing (days)*	90	84	93.3%
Body Inspect (days)	90	83	92.2%
Open Water Training Tasks			
Total OW Days	52	73	140.4%
Total OW Session Time (hours)	NA	205.3	NA
OW Session Time Average (minutes)	NA	168.7	NA
Total Transports	NA	1	NA
Total Transport Time (hours)	NA	8.0	NA
Avg Roundtrip Transport Time (minutes)	NA	480.0	NA
Night Operations	NA	1	NA

*=days feeding reported

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	85	94.4%
Pen Training Tasks			
Stationing (days)*	90	83	92.2%
Body Inspect (days)	90	83	92.2%
Open Water Training Tasks			
Total OW Days	52	74	142.3%
Total OW Session Time (hours)	NA	195.0	NA
OW Session Time Average (minutes)	NA	158.1	NA
Total Transports	NA	1	NA
Total Transport Time (hours)	NA	3.0	NA
Avg Roundtrip Transport Time (minutes)	NA	180.0	NA
Night Operations	NA	1	NA

*=days feeding reported

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	86	95.6%
Pen Training Tasks			
Stationing (days)*	90	86	95.6%
Body Inspect (days)	90	86	95.6%
Open Water Training Tasks			
Total OW Days	52	54	103.8%
Total OW Session Time (hours)	NA	196.5	NA
OW Session Time Average (minutes)	NA	218.3	NA
Total Transports	NA	44	NA
Total Transport Time (hours)	NA	41.2	NA
Avg Roundtrip Transport Time (minutes)	NA	56.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.17.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
100	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
03-06 Feb	CVW-17	SCI		0	0
24-30 Mar	CVW-17/ 28th BS/ 340th WPS	SCI	(b)(3)	80	25

5.23 (b)(3) [redacted]

5.23.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	86	95.6%
Pen Training Tasks			
Stationing (days)*	90	84	93.3%
Body Inspect (days)	90	82	91.1%
Open Water Training Tasks			
Total OW Days	52	48	92.3%
Total OW Session Time (hours)	NA	129.4	NA
OW Session Time Average (minutes)	NA	161.8	NA
Total Transports	NA	44	NA
Total Transport Time (hours)	NA	36.8	NA
Avg Roundtrip Transport Time (minutes)	NA	50.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.23.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 500 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
500	MK62/MK82	Pass
150	MK65	Pass
	SEA LION ANCHOR	Not Tested
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.24 (b)(3) [redacted]

5.24.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	86	95.6%
Pen Training Tasks			
Stationing (days)*	90	86	95.6%
Body Inspect (days)	90	86	95.6%
Open Water Training Tasks			
Total OW Days	52	55	105.8%
Total OW Session Time (hours)	NA	196.2	NA
OW Session Time Average (minutes)	NA	214.0	NA
Total Transports	NA	43	NA
Total Transport Time (hours)	NA	41.8	NA
Avg Roundtrip Transport Time (minutes)	NA	58.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.24.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
24-30 Mar	CVW-17/ 28th BS/ 340th WPS	SCI	(b)(3)	80	25

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	87	96.7%
Pen Training Tasks			
Stationing (days)*	90	84	93.3%
Body Inspect (days)	90	84	93.3%
Open Water Training Tasks			
Total OW Days	52	50	96.2%
Total OW Session Time (hours)	NA	140.8	NA
OW Session Time Average (minutes)	NA	169.0	NA
Total Transports	NA	48	NA
Total Transport Time (hours)	NA	36.5	NA
Avg Roundtrip Transport Time (minutes)	NA	45.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 300 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
250	MK12 TAIL SECTION FOR MK63	Fail
	MK16 TAIL SECTION FOR MK62	Not Tested
250	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
275	MK62/MK62	Pass
250	MK65	Pass
250	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Fail
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.27 (b)(3) [redacted]

5.27.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	87	96.7%
Pen Training Tasks			
Stationing (days)*	90	87	96.7%
Body Inspect (days)	90	86	95.6%
Open Water Training Tasks			
Total OW Days	52	54	103.8%
Total OW Session Time (hours)	NA	159.7	NA
OW Session Time Average (minutes)	NA	177.4	NA
Total Transports	NA	48	NA
Total Transport Time (hours)	NA	41.2	NA
Avg Roundtrip Transport Time (minutes)	NA	51.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.27.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
225	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
03-06 Feb	CVW-17	SCI	(b)(3)	0	0

5.28 (b)(3) [redacted]

5.28.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	86	95.6%
Pen Training Tasks			
Stationing (days)*	90	85	94.4%
Body Inspect (days)	90	85	94.4%
Open Water Training Tasks			
Total OW Days	52	53	101.9%
Total OW Session Time (hours)	NA	153.7	NA
OW Session Time Average (minutes)	NA	174.0	NA
Total Transports	NA	47	NA
Total Transport Time (hours)	NA	34.3	NA
Avg Roundtrip Transport Time (minutes)	NA	43.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.28.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER THREE FY14
01 APR – 30 JUN 2014

AUG 2014

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55		Not Tested		Not Tested
MK56		Not Tested		Not Tested
MK62/MK82	800	Pass	800	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	800	Pass
MK46	250	Pass	300	Pass

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
21-25 Apr	CVW-2/ 28th BS/ 340th WPS	SCI	(b)(3)	30	30	100
23-26 Jun	CTX14 (CVW-17)/ 34BS (JTFEX)	SCI		28	28	100

5.2 (b)(3) [redacted]

5.2.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	75	82.4%
Pen Training Tasks			
Stationing (days)*	91	73	80.2%
Body Inspect (days)	91	73	80.2%
Open Water Training Tasks			
Total OW Days	52	39	75.0%
Total OW Session Time (hours)	NA	112.7	NA
OW Session Time Average (minutes)	NA	173.4	NA
Total Transports	NA	6	NA
Total Transport Time (hours)	NA	5.3	NA
Avg Roundtrip Transport Time (minutes)	NA	53.0	NA
Night Operations	NA	5	NA

*=days feeding reported

5.6 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	78	85.7%
Pen Training Tasks			
Stationing (days)*	91	77	84.6%
Body Inspect (days)	91	77	84.6%
Open Water Training Tasks			
Total OW Days	36	39	108.3%
Total OW Session Time (hours)	NA	114.4	NA
OW Session Time Average (minutes)	NA	176.0	NA
Total Transports	NA	7	NA
Total Transport Time (hours)	NA	5.6	NA
Avg Roundtrip Transport Time (minutes)	NA	48.0	NA
Night Operations	NA	7	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	85	93.4%
Body Inspect (days)	91	85	93.4%
Open Water Training Tasks			
Total OW Days	52	55	105.8%
Total OW Session Time (hours)	NA	187.8	NA
OW Session Time Average (minutes)	NA	204.9	NA
Total Transports	NA	24	NA
Total Transport Time (hours)	NA	31.0	NA
Avg Roundtrip Transport Time (minutes)	NA	77.5	NA
Night Operations	NA	1	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	N/A

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
22-23 Apr	CVW-2	SCI	(b)(3)	13	6
23-26 Jun	CTX14 (CVW-17)/ 34BS (JTFEX)	SCI		28	7

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	85	93.4%
Body Inspect (days)	91	86	94.5%
Open Water Training Tasks			
Total OW Days	52	53	101.9%
Total OW Session Time (hours)	NA	159.6	NA
OW Session Time Average (minutes)	NA	180.9	NA
Total Transports	NA	25	NA
Total Transport Time (hours)	NA	21.5	NA
Avg Roundtrip Transport Time (minutes)	NA	51.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	N/A

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
22-23 Apr	CVW-2	SCI	(b)(3)	13	1

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	74	81.3%
Pen Training Tasks			
Stationing (days)*	91	74	81.3%
Body Inspect (days)	91	74	81.3%
Open Water Training Tasks			
Total OW Days	52	38	73.1%
Total OW Session Time (hours)	NA	108.6	NA
OW Session Time Average (minutes)	NA	171.5	NA
Total Transports	NA	7	NA
Total Transport Time (hours)	NA	5.9	NA
Avg Roundtrip Transport Time (minutes)	NA	50.6	NA
Night Operations	NA	4	NA

*=days feeding reported

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	74	81.3%
Pen Training Tasks			
Stationing (days)*	91	73	80.2%
Body Inspect (days)	91	72	79.1%
Open Water Training Tasks			
Total OW Days	52	39	75.0%
Total OW Session Time (hours)	NA	118.9	NA
OW Session Time Average (minutes)	NA	182.9	NA
Total Transports	NA	6	NA
Total Transport Time (hours)	NA	5.2	NA
Avg Roundtrip Transport Time (minutes)	NA	52.0	NA
Night Operations	NA	5	NA

*=days feeding reported

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	87	95.6%
Pen Training Tasks			
Stationing (days)*	91	84	92.3%
Body Inspect (days)	91	84	92.3%
Open Water Training Tasks			
Total OW Days	52	54	103.8%
Total OW Session Time (hours)	NA	183.0	NA
OW Session Time Average (minutes)	NA	203.3	NA
Total Transports	NA	23	NA
Total Transport Time (hours)	NA	24.8	NA
Avg Roundtrip Transport Time (minutes)	NA	64.7	NA
Night Operations	NA	1	NA

*=days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
800	MK62/MK62	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
22-23 Apr	CVW-2	SCI	(b)(3)	13	1
23-26 Jun	CTX14 (CVW-17)/ 34BS (JTFEX)	SCI		28	8

5.20 (b)(3) [redacted]

5.20.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	86	94.5%
Body Inspect (days)	91	86	94.5%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	179.9	NA
OW Session Time Average (minutes)	NA	192.8	NA
Total Transports	NA	51	NA
Total Transport Time (hours)	NA	43.3	NA
Avg Roundtrip Transport Time (minutes)	NA	50.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.20.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 500 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
500	MK62/MK82	Pass
150	MK65	Pass
	SEA LION ANCHOR	Not Tested
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.21 (b)(3) [redacted]

5.21.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	87	95.6%
Pen Training Tasks			
Stationing (days)*	91	84	92.3%
Body Inspect (days)	91	84	92.3%
Open Water Training Tasks			
Total OW Days	52	53	101.9%
Total OW Session Time (hours)	NA	182.5	NA
OW Session Time Average (minutes)	NA	206.6	NA
Total Transports	NA	24	NA
Total Transport Time (hours)	NA	20.3	NA
Avg Roundtrip Transport Time (minutes)	NA	50.8	NA
Night Operations	NA	1	NA

*=days feeding reported

5.21.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	N/A

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
22-23 Apr	CVW-2	SCI	(b)(3)	13	5
23-26 Jun	CTX14 (CVW-17)/ 34BS (JTFEX)	SCI		28	13

5.22 (b)(3) [redacted]

5.22.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	88	96.7%
Body Inspect (days)	91	88	96.7%
Open Water Training Tasks			
Total OW Days	52	58	111.5%
Total OW Session Time (hours)	NA	183.8	NA
OW Session Time Average (minutes)	NA	190.1	NA
Total Transports	NA	56	NA
Total Transport Time (hours)	NA	47.9	NA
Avg Roundtrip Transport Time (minutes)	NA	51.3	NA
Night Operations	NA	1	NA

*=days feeding reported

5.22.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 350 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
300	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
300	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
350	MK62/MK82	Pass
300	MK65	Pass
300	SEA LION ANCHOR	Pass
300	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.24 (b)(3) [redacted]

5.24.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	86	94.5%
Body Inspect (days)	91	86	94.5%
Open Water Training Tasks			
Total OW Days	52	57	109.6%
Total OW Session Time (hours)	NA	211.8	NA
OW Session Time Average (minutes)	NA	222.9	NA
Total Transports	NA	55	NA
Total Transport Time (hours)	NA	54.3	NA
Avg Roundtrip Transport Time (minutes)	NA	59.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.24.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
300	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
22-23 Apr	CVW-2	SCI	(b)(3)	13	0
23-26 Jun	CTX14 (CVW-17)/ 34BS (JTFEX)	SCI		28	0

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	87	95.6%
Body Inspect (days)	91	87	95.6%
Open Water Training Tasks			
Total OW Days	52	57	109.6%
Total OW Session Time (hours)	NA	186.5	NA
OW Session Time Average (minutes)	NA	196.3	NA
Total Transports	NA	55	NA
Total Transport Time (hours)	NA	47.5	NA
Avg Roundtrip Transport Time (minutes)	NA	51.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
300	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER FOUR FY14
01 JUL – 30 SEP 2014

NOV 2014

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55		Not Tested		Not Tested
MK56		Not Tested		Not Tested
MK62/MK82	800	Pass	800	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	800	Pass
MK46	250	Pass	300	Pass

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
1 Jul-30 Sep	RIMPAC14	San Diego, CA	(b)(3)	33	33	100
14 Aug	MK7 YB	San Diego, CA		1	1	100
25 Aug-9 Sep	VACAPES/AMNS	Little Creek, VA		20	20	100
4-22 Sep	UUV field/IB	Imperial Beach, CA		8	8	100
16 Sep	MK7 YB	San Diego, CA		1	1	100
29-30 Sep	COMSUBPAC field (ALPHA)	San Diego, CA		4	4	100

5.2 (b)(3) [redacted]

5.2.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	84	91.3%
Body Inspect (days)	92	84	91.3%
Open Water Training Tasks			
Total OW Days	52	44	84.6%
Total OW Session Time (hours)	NA	99.4	NA
OW Session Time Average (minutes)	NA	135.5	NA
Total Transports	NA	4	NA
Total Transport Time (hours)	NA	1.2	NA
Avg Roundtrip Transport Time (minutes)	NA	18.0	NA
Night Operations	NA	4	NA

*=days feeding reported

5.6 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	86	93.5%
Pen Training Tasks			
Stationing (days)*	92	84	91.3%
Body Inspect (days)	92	85	92.4%
Open Water Training Tasks			
Total OW Days	36	44	122.2%
Total OW Session Time (hours)	NA	89.8	NA
OW Session Time Average (minutes)	NA	122.5	NA
Total Transports	NA	5	NA
Total Transport Time (hours)	NA	2.2	NA
Avg Roundtrip Transport Time (minutes)	NA	26.4	NA
Night Operations	NA	5	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	89	96.7%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	182.9	NA
OW Session Time Average (minutes)	NA	186.0	NA
Total Transports	NA	35	NA
Total Transport Time (hours)	NA	31.8	NA
Avg Roundtrip Transport Time (minutes)	NA	54.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Jul-30 Sep	RIMPAC14	San Diego, CA	(b)(3)	33	3
25 Aug-9 Sep	VACAPES/AMNS	Little Creek, VA		20	11
29-30 Sep	COMSUBPAC field (ALPHA)	San Diego, CA		4	1

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	89	96.7%
Pen Training Tasks			
Stationing (days)*	92	87	94.6%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	52	61	117.3%
Total OW Session Time (hours)	NA	186.1	NA
OW Session Time Average (minutes)	NA	183.0	NA
Total Transports	NA	41	NA
Total Transport Time (hours)	NA	41.2	NA
Avg Roundtrip Transport Time (minutes)	NA	60.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Jul-30 Sep	RIMPAC14	San Diego, CA	(b)(3)	33	3
29-30 Sep	COMSUBPAC field (ALPHA)	San Diego, CA		4	1

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	84	91.3%
Body Inspect (days)	92	86	93.5%
Open Water Training Tasks			
Total OW Days	52	44	84.6%
Total OW Session Time (hours)	NA	99.2	NA
OW Session Time Average (minutes)	NA	135.3	NA
Total Transports	NA	5	NA
Total Transport Time (hours)	NA	2.1	NA
Avg Roundtrip Transport Time (minutes)	NA	25.2	NA
Night Operations	NA	5	NA

*=days feeding reported

5.14. (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	85	92.4%
Body Inspect (days)	92	85	92.4%
Open Water Training Tasks			
Total OW Days	52	42	80.8%
Total OW Session Time (hours)	NA	92.2	NA
OW Session Time Average (minutes)	NA	131.7	NA
Total Transports	NA	7	NA
Total Transport Time (hours)	NA	4.6	NA
Avg Roundtrip Transport Time (minutes)	NA	39.4	NA
Night Operations	NA	7	NA

*=days feeding reported

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	88	95.7%
Body Inspect (days)	92	88	95.7%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	180.8	NA
OW Session Time Average (minutes)	NA	183.9	NA
Total Transports	NA	37	NA
Total Transport Time (hours)	NA	32.8	NA
Avg Roundtrip Transport Time (minutes)	NA	53.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Jul-30 Sep	RIMPAC14	San Diego, CA	(b)(3)	33	16
25 Aug-9 Sep	VACAPES/AMNS	Little Creek, VA		20	6
29-30 Sep	COMSUBPAC field (ALPHA)	San Diego, CA		4	1

5.20 (b)(3) [redacted]

5.20.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	85	92.4%
Body Inspect (days)	92	85	92.4%
Open Water Training Tasks			
Total OW Days	52	33	63.5%
Total OW Session Time (hours)	NA	106.9	NA
OW Session Time Average (minutes)	NA	194.4	NA
Total Transports	NA	30	NA
Total Transport Time (hours)	NA	25.6	NA
Avg Roundtrip Transport Time (minutes)	NA	51.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.20.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 500 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
500	MK62/MK82	Pass
150	MK65	Pass
	SEA LION ANCHOR	Not Tested
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.21 (b)(3) [redacted]

5.21.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	89	96.7%
Pen Training Tasks			
Stationing (days)*	92	87	94.6%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	52	58	111.5%
Total OW Session Time (hours)	NA	171.6	NA
OW Session Time Average (minutes)	NA	177.5	NA
Total Transports	NA	34	NA
Total Transport Time (hours)	NA	33.5	NA
Avg Roundtrip Transport Time (minutes)	NA	59.1	NA
Night Operations	NA	0	NA

*=days feeding reported

5.21.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
250	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	N/A

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Jul-30 Sep	RIMPAC14	San Diego, CA		33	6
25 Aug-9 Sep	VACAPES/AMNS	Little Creek, VA	(b)(3)	20	0
29-30 Sep	COMSUBPAC field (ALPHA)	San Diego, CA		4	1

5.22 (b)(3) [redacted]

5.22.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	83	90.2%
Body Inspect (days)	92	83	90.2%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	196.0	NA
OW Session Time Average (minutes)	NA	199.3	NA
Total Transports	NA	56	NA
Total Transport Time (hours)	NA	56.8	NA
Avg Roundtrip Transport Time (minutes)	NA	60.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.22.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 400 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
400	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
	MK62/MK82	Not Tested
400	MK65	Pass
400	SEA LION ANCHOR	Pass
120	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	N/A

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Jul-30 Sep	RIMPAC14	San Diego, CA	(b)(3)	33	2
4-22 Sep	UUV field/IB	Imperial Beach, CA		8	3

5.24 (b)(3) [redacted]

5.24.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	86	93.5%
Body Inspect (days)	92	87	94.6%
Open Water Training Tasks			
Total OW Days	52	57	109.6%
Total OW Session Time (hours)	NA	180.5	NA
OW Session Time Average (minutes)	NA	190.0	NA
Total Transports	NA	50	NA
Total Transport Time (hours)	NA	43.8	NA
Avg Roundtrip Transport Time (minutes)	NA	52.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.24.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
300	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	N/A

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Jul-30 Sep	RIMPAC14	San Diego, CA	(b)(3)	33	3
14 Aug	MK7 YB	San Diego, CA		1	1
25 Aug-9 Sep	VACAPES/AMNS	Little Creek, VA		20	3
4-22 Sep	UUV field/IB	Imperial Beach, CA		8	2

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	85	92.4%
Body Inspect (days)	92	85	92.4%
Open Water Training Tasks			
Total OW Days	52	60	115.4%
Total OW Session Time (hours)	NA	190.5	NA
OW Session Time Average (minutes)	NA	190.5	NA
Total Transports	NA	57	NA
Total Transport Time (hours)	NA	49.3	NA
Avg Roundtrip Transport Time (minutes)	NA	51.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
300	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Jul-30 Sep	RIMPAC14	San Diego, CA	(b)(3)	33	0
4-22 Sep	UUV field/IB	Imperial Beach, CA		8	3
16 Sep	MK7 YB	San Diego, CA		1	1

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER ONE FY15
01 OCT – 31 DEC 2014

FEB 2015

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics

	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55		Not Tested		Not Tested
MK56		Not Tested		Not Tested
MK62/MK82	750	Pass	700	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	750	Pass	700	Pass
MK46	100	Pass	100	Pass

4.6 MK 5 Behavior Goals

MK 5 DET

MK 5 Spares

4.7 MK 5 Operational Summary

Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
1 Oct-31 Dec	RIMPAC14	San Diego, CA	29	29	100
6-9 Oct	340WPS	San Clemente Island, CA	54	54	100
10-26 Nov	IMCMEX	Manama, Bahrain	37	37	100
10-12 Nov	Shallow Alpha	San Diego, CA	4	4	100
15 Dec	Kingfisher	San Clemente Island, CA	9	9	100
16 Dec	28th BS	San Clemente Island, CA	10	10	100
22 Dec	Deep Alpha	San Diego, CA	4	4	100
29 Dec	UUV/IB	Imperial Beach, CA	5	5	100

(b)(3)

5.2 (b)(3) [redacted]

5.2.1 Training Metrics

Performance Metrics (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	79	85.9%
Pen Training Tasks			
Stationing (days)*	92	76	82.6%
Body Inspect (days)	92	77	83.7%
Open Water Training Tasks			
Total OW Days	52	41	78.8%
Total OW Session Time (hours)	NA	65.8	NA
OW Session Time Average (minutes)	NA	96.3	NA
Total Transports	NA	5	NA
Total Transport Time (hours)	NA	1.1	NA
Avg Roundtrip Transport Time (minutes)	NA	13.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.6 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	74	80.4%
Pen Training Tasks			
Stationing (days)*	92	74	80.4%
Body Inspect (days)	92	74	80.4%
Open Water Training Tasks			
Total OW Days	36	38	105.6%
Total OW Session Time (hours)	NA	65.7	NA
OW Session Time Average (minutes)	NA	103.7	NA
Total Transports	NA	5	NA
Total Transport Time (hours)	NA	2.0	NA
Avg Roundtrip Transport Time (minutes)	NA	24.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	86	93.5%
Pen Training Tasks			
Stationing (days)*	92	84	91.3%
Body Inspect (days)	92	83	90.2%
Open Water Training Tasks			
Total OW Days	52	47	90.4%
Total OW Session Time (hours)	NA	168.5	NA
OW Session Time Average (minutes)	NA	215.1	NA
Total Transports	NA	26	NA
Total Transport Time (hours)	NA	27.8	NA
Avg Roundtrip Transport Time (minutes)	NA	64.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Oct-31 Dec	RIMPAC14	San Diego, CA	(b)(3)	29	7
6-9 Oct	340WPS	San Clemente Island, CA		54	16
10-26 Nov	IMCMEX	Manama, Bahrain		37	18
10-12 Nov	Shallow Alpha	San Diego, CA		4	1
15 Dec	Kingfisher	San Clemente Island, CA		9	3
16 Dec	28th BS	San Clemente Island, CA		10	4
22 Dec	Deep Alpha	San Diego, CA		4	1
29 Dec	UUV/IB	Imperial Beach, CA		5	1

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK18 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Oct-31 Dec	RIMPAC14	San Diego, CA	(b)(3)	29	2
10-12 Nov	Shallow Alpha	San Diego, CA		4	1
22 Dec	Deep Alpha	San Diego, CA		4	1
29 Dec	UUV/IB	Imperial Beach, CA		5	1

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	86	93.5%
Pen Training Tasks			
Stationing (days)*	92	84	91.3%
Body Inspect (days)	92	84	91.3%
Open Water Training Tasks			
Total OW Days	52	53	101.9%
Total OW Session Time (hours)	NA	172.7	NA
OW Session Time Average (minutes)	NA	195.5	NA
Total Transports	NA	38	NA
Total Transport Time (hours)	NA	36.3	NA
Avg Roundtrip Transport Time (minutes)	NA	57.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Oct-31 Dec	RIMPAC14	San Diego, CA	(b)(3)	29	2
10-12 Nov	Shallow Alpha	San Diego, CA		4	1
22 Dec	Deep Alpha	San Diego, CA		4	1
29 Dec	UUV/IB	Imperial Beach, CA		5	1

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	73	79.3%
Pen Training Tasks			
Stationing (days)*	92	73	79.3%
Body Inspect (days)	92	73	79.3%
Open Water Training Tasks			
Total OW Days	52	38	73.1%
Total OW Session Time (hours)	NA	69.4	NA
OW Session Time Average (minutes)	NA	109.6	NA
Total Transports	NA	1	NA
Total Transport Time (hours)	NA	0.2	NA
Avg Roundtrip Transport Time (minutes)	NA	12.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	85	92.4%
Pen Training Tasks			
Stationing (days)*	92	85	92.4%
Body Inspect (days)	92	85	92.4%
Open Water Training Tasks			
Total OW Days	52	47	90.4%
Total OW Session Time (hours)	NA	164.7	NA
OW Session Time Average (minutes)	NA	210.3	NA
Total Transports	NA	23	NA
Total Transport Time (hours)	NA	22.8	NA
Avg Roundtrip Transport Time (minutes)	NA	59.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	78	84.8%
Pen Training Tasks			
Stationing (days)*	92	78	84.8%
Body Inspect (days)	92	77	83.7%
Open Water Training Tasks			
Total OW Days	52	41	78.8%
Total OW Session Time (hours)	NA	67.1	NA
OW Session Time Average (minutes)	NA	98.2	NA
Total Transports	NA	4	NA
Total Transport Time (hours)	NA	1.1	NA
Avg Roundtrip Transport Time (minutes)	NA	16.5	NA
Night Operations	NA	1	NA

*=days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Oct-31 Dec	RIMPAC14	San Diego, CA	(b)(3)	29	11
6-9 Oct	340WPS	San Clemente Island, CA		54	17
10-26 Nov	IMCMEX	Manama, Bahrain		37	14
10-12 Nov	Shallow Alpha	San Diego, CA		4	1
15 Dec	Kingfisher	San Clemente Island, CA		9	4
16 Dec	28th BS	San Clemente Island, CA		10	2
22 Dec	Deep Alpha	San Diego, CA		4	1
29 Dec	UUV/IB	Imperial Beach, CA		5	2

5.20 (b)(3) [redacted]

5.20.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	89	96.7%
Pen Training Tasks			
Stationing (days)*	92	88	95.7%
Body Inspect (days)	92	88	95.7%
Open Water Training Tasks			
Total OW Days	52	29	55.8%
Total OW Session Time (hours)	NA	72.1	NA
OW Session Time Average (minutes)	NA	149.2	NA
Total Transports	NA	23	NA
Total Transport Time (hours)	NA	23.6	NA
Avg Roundtrip Transport Time (minutes)	NA	61.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.20.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
	MK44	Not Tested
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
550	MK62/MK82	Pass
400	MK65	Pass
	SEA LION ANCHOR	Not Tested
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.21 (b)(3) [redacted]

5.21.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	86	93.5%
Body Inspect (days)	92	86	93.5%
Open Water Training Tasks			
Total OW Days	52	49	94.2%
Total OW Session Time (hours)	NA	170.4	NA
OW Session Time Average (minutes)	NA	208.7	NA
Total Transports	NA	26	NA
Total Transport Time (hours)	NA	26.5	NA
Avg Roundtrip Transport Time (minutes)	NA	61.2	NA
Night Operations	NA	0	NA

*=days feeding reported

5.21.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Oct-31 Dec	RIMPAC14	San Diego, CA	(b)(3)	29	3
6-9 Oct	340WPS	San Clemente Island, CA		54	10
10-28 Nov	IMCMEX	Manama, Bahrain		37	5
10-12 Nov	Shallow Alpha	San Diego, CA		4	1
15 Dec	Kingfisher	San Clemente Island, CA		9	2
16 Dec	28th BS	San Clemente Island, CA		10	4
22 Dec	Deep Alpha	San Diego, CA		4	1
29 Dec	UUV/IB	Imperial Beach, CA		5	1

5.22 (b)(3) [redacted]

5.22.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	85	92.4%
Body Inspect (days)	92	85	92.4%
Open Water Training Tasks			
Total OW Days	52	48	92.3%
Total OW Session Time (hours)	NA	136.4	NA
OW Session Time Average (minutes)	NA	170.5	NA
Total Transports	NA	42	NA
Total Transport Time (hours)	NA	37.5	NA
Avg Roundtrip Transport Time (minutes)	NA	53.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.22.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 400 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
400	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Oct-31 Dec	RIMPAC14	San Diego, CA	(b)(3)	29	1

5.24 (b)(3) [redacted]

5.24.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	88	95.7%
Pen Training Tasks			
Stationing (days)*	92	85	92.4%
Body Inspect (days)	92	84	91.3%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	151.2	NA
OW Session Time Average (minutes)	NA	162.0	NA
Total Transports	NA	49	NA
Total Transport Time (hours)	NA	41.6	NA
Avg Roundtrip Transport Time (minutes)	NA	50.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.24.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Oct-31 Dec	RIMPAC14	San Diego, CA	(b)(3)	29	2

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	87	94.6%
Pen Training Tasks			
Stationing (days)*	92	86	93.5%
Body Inspect (days)	92	85	92.4%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	159.4	NA
OW Session Time Average (minutes)	NA	170.8	NA
Total Transports	NA	48	NA
Total Transport Time (hours)	NA	42.3	NA
Avg Roundtrip Transport Time (minutes)	NA	52.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1 Oct-31 Dec	RIMPAC14	San Diego, CA	(b)(3)	29	3
6-9 Oct	340WPS	San Clemente Island, CA		54	11

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER TWO FY15
01 JAN – 31 MAR 2015

MAY 2015

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.5 MK 5 Operational Metrics	MK 5 DET		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass		Not Tested
MK16 tail section for MK62		Not Tested		Not Tested
MK44	400	Pass	400	Pass
MK26/MK36, MK52/MK55		Not Tested		Not Tested
MK56		Not Tested		Not Tested
MK62/MK82	700	Pass	600	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	400	Pass	500	Pass
MK46	150	Pass	50	Pass

4.6 MK 5 Behavior Goals	MK 5 DET	MK 5 Spares

4.7 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
9 Jan-20 Feb	RIMPAC14	San Diego, CA	(b)(3)	8	8	100
23 Feb	SCORE/IB	San Diego, CA		20	20	100
16-21 Mar	340WPS	San Clemente Island, CA		81	81	100

5.2 (b)(3) [redacted]

5.2.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	89	98.9%
Pen Training Tasks			
Stationing (days)*	90	88	97.8%
Body Inspect (days)	90	89	98.9%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	94.6	NA
OW Session Time Average (minutes)	NA	101.4	NA
Total Transports	NA	6	NA
Total Transport Time (hours)	NA	5.9	NA
Avg Roundtrip Transport Time (minutes)	NA	59.0	NA
Night Operations	NA	1	NA

*=days feeding reported

5.6 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	88	97.8%
Pen Training Tasks			
Stationing (days)*	90	88	97.8%
Body Inspect (days)	90	88	97.8%
Open Water Training Tasks			
Total OW Days	36	59	163.9%
Total OW Session Time (hours)	NA	92.4	NA
OW Session Time Average (minutes)	NA	94.0	NA
Total Transports	NA	8	NA
Total Transport Time (hours)	NA	5.2	NA
Avg Roundtrip Transport Time (minutes)	NA	39.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing (days)*	90	89	98.9%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	61	117.3%
Total OW Session Time (hours)	NA	212.8	NA
OW Session Time Average (minutes)	NA	209.3	NA
Total Transports	NA	33	NA
Total Transport Time (hours)	NA	30.1	NA
Avg Roundtrip Transport Time (minutes)	NA	54.7	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
600	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
50	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
9 Jan-20 Feb	RIMPAC14	San Diego, CA	(b)(3)	8	1
23 Feb	SCORE/IB	San Diego, CA		20	7
16-21 Mar	340WPS	San Clemente Island, CA		81	23

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	89	98.9%
Pen Training Tasks			
Stationing (days)*	90	86	95.6%
Body Inspect (days)	90	89	98.9%
Open Water Training Tasks			
Total OW Days	52	58	111.5%
Total OW Session Time (hours)	NA	180.0	NA
OW Session Time Average (minutes)	NA	186.2	NA
Total Transports	NA	32	NA
Total Transport Time (hours)	NA	31.8	NA
Avg Roundtrip Transport Time (minutes)	NA	59.6	NA
Night Operations	NA	1	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 500 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
500	MK62/MK82	Pass
400	MK65	Pass
350	SEA LION ANCHOR	Pass
150	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
23 Feb	SCORE/IB	San Diego, CA		20	2

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	87	96.7%
Pen Training Tasks			
Stationing (days)*	90	85	94.4%
Body Inspect (days)	90	87	96.7%
Open Water Training Tasks			
Total OW Days	52	55	105.8%
Total OW Session Time (hours)	NA	96.9	NA
OW Session Time Average (minutes)	NA	105.7	NA
Total Transports	NA	7	NA
Total Transport Time (hours)	NA	6.0	NA
Avg Roundtrip Transport Time (minutes)	NA	51.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	89	98.9%
Pen Training Tasks			
Stationing (days)*	90	87	96.7%
Body Inspect (days)	90	89	98.9%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	95.8	NA
OW Session Time Average (minutes)	NA	102.6	NA
Total Transports	NA	8	NA
Total Transport Time (hours)	NA	10.2	NA
Avg Roundtrip Transport Time (minutes)	NA	76.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.15. (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	89	98.9%
Pen Training Tasks			
Stationing (days)*	90	86	95.6%
Body Inspect (days)	90	89	98.9%
Open Water Training Tasks			
Total OW Days	52	61	117.3%
Total OW Session Time (hours)	NA	211.7	NA
OW Session Time Average (minutes)	NA	208.2	NA
Total Transports	NA	34	NA
Total Transport Time (hours)	NA	31.5	NA
Avg Roundtrip Transport Time (minutes)	NA	55.6	NA
Night Operations	NA	1	NA

*=days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
600	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
50	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
9 Jan-20 Feb	RIMPAC14	San Diego, CA	(b)(3)	8	7
23 Feb	SCORE/IB	San Diego, CA		20	2
16-21 Mar	340WPS	San Clemente Island, CA		81	27

5.20 (b)(3) [redacted]

5.20.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	88	97.8%
Pen Training Tasks			
Stationing (days)*	90	86	95.6%
Body Inspect (days)	90	88	97.8%
Open Water Training Tasks			
Total OW Days	52	40	76.9%
Total OW Session Time (hours)	NA	125.9	NA
OW Session Time Average (minutes)	NA	188.9	NA
Total Transports	NA	31	NA
Total Transport Time (hours)	NA	27.3	NA
Avg Roundtrip Transport Time (minutes)	NA	52.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.20.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 500 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
	MK44	Not Tested
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
500	MK62/MK82	Pass
400	MK65	Pass
	SEA LION ANCHOR	Not Tested
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.21.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
23 Feb	SCORE/IB	San Diego, CA	(b)(3)	20	1
16-21 Mar	340WPS	San Clemente Island, CA		81	18

5.21 (b)(3) [redacted]

5.21.1 Training Metrics

Performance Metrics (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	88	97.8%
Pen Training Tasks			
Stationing (days)*	90	87	96.7%
Body Inspect (days)	90	88	97.8%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	210.2	NA
OW Session Time Average (minutes)	NA	213.8	NA
Total Transports	NA	36	NA
Total Transport Time (hours)	NA	33.2	NA
Avg Roundtrip Transport Time (minutes)	NA	55.3	NA
Night Operations	NA	1	NA

*=days feeding reported

5.22 (b)(3) [redacted]

5.22.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	88	97.8%
Pen Training Tasks			
Stationing (days)*	90	88	97.8%
Body Inspect (days)	90	88	97.8%
Open Water Training Tasks			
Total OW Days	52	54	103.8%
Total OW Session Time (hours)	NA	186.3	NA
OW Session Time Average (minutes)	NA	207.0	NA
Total Transports	NA	43	NA
Total Transport Time (hours)	NA	43.0	NA
Avg Roundtrip Transport Time (minutes)	NA	60.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.22.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 400 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
400	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
23 Feb	SCORE/IB	San Diego, CA	(b)(3)	20	3

5.24 (b)(3) [redacted]

5.24.1 Training Metrics

Performance Metrics (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	88	97.8%
Pen Training Tasks			
Stationing (days)*	90	84	93.3%
Body Inspect (days)	90	88	97.8%
Open Water Training Tasks			
Total OW Days	52	60	115.4%
Total OW Session Time (hours)	NA	222.1	NA
OW Session Time Average (minutes)	NA	222.1	NA
Total Transports	NA	50	NA
Total Transport Time (hours)	NA	43.3	NA
Avg Roundtrip Transport Time (minutes)	NA	52.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.24.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
600	MK62/MK82	Pass
400	MK65	Pass
500	SEA LION ANCHOR	Pass
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
23 Feb	SCORE/IB	San Diego, CA	(b)(3)	20	1
16-21 Mar	340WPS	San Clemente Island, CA		81	1

5.25 (b)(3) [redacted]

5.25.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	88	97.8%
Pen Training Tasks			
Stationing (days)*	90	85	94.4%
Body Inspect (days)	90	88	97.8%
Open Water Training Tasks			
Total OW Days	52	60	115.4%
Total OW Session Time (hours)	NA	212.9	NA
OW Session Time Average (minutes)	NA	212.9	NA
Total Transports	NA	44	NA
Total Transport Time (hours)	NA	36.2	NA
Avg Roundtrip Transport Time (minutes)	NA	49.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.25.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK26/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
600	MK62/MK82	Pass
400	MK65	Pass
500	SEA LION ANCHOR	Pass
50	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
23 Feb	SCORE/IB	San Diego, CA	(b)(3)	20	4
16-21 Mar	340WPS	San Clemente Island, CA		81	12

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER THREE FY15
01 APR – 30 JUN 2015

AUG 2015

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass	250	Pass
MK44	400	Pass	400	Pass
MK25/MK36, MK52/MK55		Not Tested		Not Tested
MK56		Not Tested		Not Tested
MK62/MK82	800	Pass	750	Pass
MK65	400	Pass	400	Pass
Sea lion anchor	800	Pass	800	Pass
MK46	100	Pass	100	Pass

4.7 MK 5 Behavior Goals	MK 5 Service Unit	MK 5 Spares

4.8 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
13-16 Apr	ULT-15	San Diego, CA	(b)(3)	2	2	100
20-23 Apr	CVW-9	San Clemente Island, CA		12	12	100
12-15 May	Alpha field	San Diego, CA		4	4	100

5.6 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3)	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	83	91.2%
Pen Training Tasks			
Stationing (days)*	91	82	90.1%
Body Inspect (days)	91	82	90.1%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	191.7	NA
OW Session Time Average (minutes)	NA	205.4	NA
Total Transports	NA	24	NA
Total Transport Time (hours)	NA	25.2	NA
Avg Roundtrip Transport Time (minutes)	NA	63.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.6.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
20-23 Apr	CVW-9	San Clemente Island, CA	(b)(3)	12	5
12-15 May	Alpha field	San Diego, CA		4	1

5.6.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
20-23 Apr	CVW-9	San Clemente Island, CA	(b)(3)	12	5
12-15 May	Alpha field	San Diego, CA		4	1

5.7 (b)(3) [redacted]

5.7.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	84	92.3%
Pen Training Tasks			
Stationing (days)*	91	82	90.1%
Body Inspect (days)	91	82	90.1%
Open Water Training Tasks			
Total OW Days	52	54	103.8%
Total OW Session Time (hours)	NA	181.7	NA
OW Session Time Average (minutes)	NA	201.9	NA
Total Transports	NA	23	NA
Total Transport Time (hours)	NA	25.2	NA
Avg Roundtrip Transport Time (minutes)	NA	65.7	NA
Night Operations	NA	0	NA

*=days feeding reported

5.7.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
750	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
20-23 Apr	CVW-9	San Clemente Island, CA	(b)(3)	12	0
12-15 May	Alpha field	San Diego, CA		4	1

5.8 (b)(3) [redacted]

5.8.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	83	91.2%
Pen Training Tasks			
Stationing (days)*	91	82	90.1%
Body Inspect (days)	91	81	89.0%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	191.7	NA
OW Session Time Average (minutes)	NA	205.4	NA
Total Transports	NA	22	NA
Total Transport Time (hours)	NA	23.7	NA
Avg Roundtrip Transport Time (minutes)	NA	64.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.8.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	N/A
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-16 Apr	ULT-15	San Diego, CA	(b)(3)	2	1
20-23 Apr	CVW-9	San Clemente Island, CA		12	2
12-15 May	Alpha field	San Diego, CA		4	1

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	87	95.6%
Pen Training Tasks			
Stationing (days)*	91	85	93.4%
Body Inspect (days)	91	85	93.4%
Open Water Training Tasks			
Total OW Days	52	44	84.6%
Total OW Session Time (hours)	NA	143.2	NA
OW Session Time Average (minutes)	NA	195.3	NA
Total Transports	NA	16	NA
Total Transport Time (hours)	NA	15.9	NA
Avg Roundtrip Transport Time (minutes)	NA	59.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 400 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
	MK44	Not Tested
	MK25/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
	MK62/MK82	Not Tested
400	MK65	Pass
	SEA LION ANCHOR	Not Tested
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	83	91.2%
Pen Training Tasks			
Stationing (days)*	91	83	91.2%
Body Inspect (days)	91	83	91.2%
Open Water Training Tasks			
Total OW Days	52	54	103.8%
Total OW Session Time (hours)	NA	186.7	NA
OW Session Time Average (minutes)	NA	207.4	NA
Total Transports	NA	27	NA
Total Transport Time (hours)	NA	31.5	NA
Avg Roundtrip Transport Time (minutes)	NA	70.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
750	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	N/A
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-16 Apr	ULT-15	San Diego, CA	(b)(3)	2	1
20-23 Apr	CVW-9	San Clemente Island, CA		12	5

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	87	95.6%
Body Inspect (days)	91	88	96.7%
Open Water Training Tasks			
Total OW Days	52	27	51.9%
Total OW Session Time (hours)	NA	95.5	NA
OW Session Time Average (minutes)	NA	212.2	NA
Total Transports	NA	14	NA
Total Transport Time (hours)	NA	17.0	NA
Avg Roundtrip Transport Time (minutes)	NA	72.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 400 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK25/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
400	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing (days)*	91	88	96.7%
Body Inspect (days)	91	88	96.7%
Open Water Training Tasks			
Total OW Days	52	60	115.4%
Total OW Session Time (hours)	NA	206.8	NA
OW Session Time Average (minutes)	NA	206.8	NA
Total Transports	NA	28	NA
Total Transport Time (hours)	NA	28.0	NA
Avg Roundtrip Transport Time (minutes)	NA	60.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	87	95.6%
Pen Training Tasks			
Stationing (days)*	91	87	95.6%
Body Inspect (days)	91	87	95.6%
Open Water Training Tasks			
Total OW Days	52	58	111.5%
Total OW Session Time (hours)	NA	185.6	NA
OW Session Time Average (minutes)	NA	192.0	NA
Total Transports	NA	20	NA
Total Transport Time (hours)	NA	27.8	NA
Avg Roundtrip Transport Time (minutes)	NA	83.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 420 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
420	MK62/MK82	Pass
400	MK65	Pass
420	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	87	95.6%
Pen Training Tasks			
Stationing (days)*	91	87	95.6%
Body Inspect (days)	91	87	95.6%
Open Water Training Tasks			
Total OW Days	52	58	111.5%
Total OW Session Time (hours)	NA	185.6	NA
OW Session Time Average (minutes)	NA	192.0	NA
Total Transports	NA	20	NA
Total Transport Time (hours)	NA	27.8	NA
Avg Roundtrip Transport Time (minutes)	NA	83.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.17.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
30	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
800	MK62/MK82	Pass
400	MK65	Pass
800	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
20-23 Apr	CVW-9	San Clemente Island, CA	(b)(4)	12	0
12-15 May	Alpha field	San Diego, CA		4	1

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER FOUR FY15
01 JUL – 30 SEP 2015

NOV 2015

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 tail section for MK63	400	Pass	400	Pass
MK16 tail section for MK62	250	Pass	250	Pass
MK44	400	Pass	400	Pass
MK25/MK36, MK52/MK55		Not Tested		Not Tested
MK56		Not Tested		Not Tested
MK62/MK82	700	Pass	700	Pass
MK65	400	Pass	450	Pass
Sea lion anchor	700	Pass	700	Pass
MK46	100	Pass	100	Pass

4.7 MK 5 Behavior Goals	MK 5 Service Unit	MK 5 Spares

4.8 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
13-16 Jul	CVW-2	SCI, CA	(b)(3)	19	19	100
16-18 Jul	Tanner Bank	SCI, CA		29	29	100
31 Aug-11 Sep	340WPS/96BS	SCI, CA		65	65	100
1-9 Sep	IB UUV test field	SD, CA		11	11	100
10 Sep	Alpha field	SD, CA		3	3	100
29 Sep	IB UUV test field	SD, CA		12	12	100

5.6 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	82	89.1%
Pen Training Tasks			
Stationing (days)*	92	79	85.9%
Body Inspect (days)	92	79	85.9%
Open Water Training Tasks			
Total OW Days	52	54	103.8%
Total OW Session Time (hours)	NA	197.5	NA
OW Session Time Average (minutes)	NA	219.4	NA
Total Transports	NA	28	NA
Total Transport Time (hours)	NA	27.5	NA
Avg Roundtrip Transport Time (minutes)	NA	58.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.7 (b)(3) [redacted]

5.7.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	64	123.1%
Total OW Session Time (hours)	NA	247.5	NA
OW Session Time Average (minutes)	NA	232.0	NA
Total Transports	NA	39	NA
Total Transport Time (hours)	NA	36.0	NA
Avg Roundtrip Transport Time (minutes)	NA	55.4	NA
Night Operations	NA	0	NA

*=days feeding reported

5.6.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-16 Jul	CVW-2	SCI, CA		19	0
16-18 Jul	Tanner Bank	SCI, CA		29	6
31 Aug-11 Sep	340WPS/96BS	SCI, CA	(b)(3)	65	12
10 Sep	Alpha field	SD, CA		3	1

5.7.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-16 Jul	CVW-2	SCI, CA		19	0
16-18 Jul	Tanner Bank	SCI, CA		29	0
31 Aug-11 Sep	340WPS/96BS	SCI, CA		65	8

5.8 (b)(3) [redacted]

5.8.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	62	119.2%
Total OW Session Time (hours)	NA	262.5	NA
OW Session Time Average (minutes)	NA	254.0	NA
Total Transports	NA	31	NA
Total Transport Time (hours)	NA	28.3	NA
Avg Roundtrip Transport Time (minutes)	NA	54.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.8.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	N/A
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-16 Jul	CVW-2	SCI, CA		19	11
16-18 Jul	Tanner Bank	SCI, CA		29	22
31 Aug-11 Sep	340WPS/96BS	SCI, CA	(b)(3)	65	14
10 Sep	Alpha field	SD, CA		3	1

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	88	95.7%
Open Water Training Tasks			
Total OW Days	52	43	82.7%
Total OW Session Time (hours)	NA	131.3	NA
OW Session Time Average (minutes)	NA	183.2	NA
Total Transports	NA	20	NA
Total Transport Time (hours)	NA	17.3	NA
Avg Roundtrip Transport Time (minutes)	NA	51.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 450 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK25/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
450	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1-9 Sep	IB UUV test field	SD, CA	(b)(3)	4	11
29 Sep	IB UUV test field	SD, CA		4	12

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	64	123.1%
Total OW Session Time (hours)	NA	273.0	NA
OW Session Time Average (minutes)	NA	255.9	NA
Total Transports	NA	31	NA
Total Transport Time (hours)	NA	27.9	NA
Avg Roundtrip Transport Time (minutes)	NA	54.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36 MK52/MK55	Not Tested
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	N/A
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-16 Jul	CVW-2	SCI, CA		19	8
16-18 Jul	Tanner Bank	SCI, CA		29	1
31 Aug-11 Sep	340WPS/96BS	SCI, CA		65	19
1-9 Sep	IB UUV test field	SD, CA		11	1

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	90	97.8%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	48	92.3%
Total OW Session Time (hours)	NA	150.2	NA
OW Session Time Average (minutes)	NA	187.8	NA
Total Transports	NA	21	NA
Total Transport Time (hours)	NA	19.7	NA
Avg Roundtrip Transport Time (minutes)	NA	56.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 400 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
	MK16 TAIL SECTION FOR MK62	Not Tested
400	MK44	Pass
	MK25/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
400	MK62/MK82	Pass
400	MK65	Pass
400	SEA LION ANCHOR	Pass
	MK46	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
29 Sep	IB UUV test field	SD, CA	(b)(3)	2	12

(b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	91	98.9%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	62	119.2%
Total OW Session Time (hours)	NA	224.0	NA
OW Session Time Average (minutes)	NA	216.8	NA
Total Transports	NA	34	NA
Total Transport Time (hours)	NA	32.2	NA
Avg Roundtrip Transport Time (minutes)	NA	56.8	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 450 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
400	MK12 TAIL SECTION FOR MK63	Pass
250	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
450	MK62/MK82	Pass
450	MK65	Pass
420	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
1-9 Sep	IB UUV test field	SD, CA	(b)(3)	11	5
10 Sep	Alpha field	SD, CA		3	1
29 Sep	IB UUV test field	SD, CA		12	3

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	90	97.8%
Pen Training Tasks			
Stationing (days)*	92	90	97.8%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	60	115.4%
Total OW Session Time (hours)	NA	234.5	NA
OW Session Time Average (minutes)	NA	234.5	NA
Total Transports	NA	30	NA
Total Transport Time (hours)	NA	30.5	NA
Avg Roundtrip Transport Time (minutes)	NA	61.0	NA
Night Operations	NA	0	NA

*=days feeding reported

5.17.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH (Feet)	TARGET TYPE	TEST RESULTS
	MK12 TAIL SECTION FOR MK63	Not Tested
30	MK16 TAIL SECTION FOR MK62	Pass
400	MK44	Pass
	MK25/MK36	Not Tested
	MK52/MK55	
	MK56	Not Tested
700	MK62/MK82	Pass
400	MK65	Pass
700	SEA LION ANCHOR	Pass
100	MK46	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
31 Aug-11 Sep	340WPS/96BS	SCI, CA	(b)(3)	65	12
1-9 Sep	IB UUV test field	SD, CA		11	1
29 Sep	IB UUV test field	SD, CA		12	3

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER ONE FY16
01 OCT – 31 DEC 2015

FEB 2016

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	400'	Pass	400'	Pass
MK16 Attachment	400'	Pass	250'	Pass
MK44/MK46	100'	Pass	100'	Pass
MK65	450'	Pass	400'	Pass
MK75 VEM	400'	Pass	400'	Pass
MK74 VEM	100'	Pass	100'	Pass
MK62	575'	Pass	575'	Pass
Sea Lion Anchor	600'	Pass	600'	Pass
Ring Attachment MK52	400'	Pass	400'	Pass
Shallow Low Visibility Target	<60'	Pass	<60'	Pass

4.7 MK 5 Behavior Goals	MK 5 Service Unit	MK 5 Spares

4.8 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
15 Oct	NUWC POTR project	SCI, CA	(b)(3)	1	1	100
13-19 Nov	Vigilant Shield 16	IB/Seal Beach, CA		28	28	100
23 Nov	"A" Field range maintenance	SD, CA		4	4	100

5.6 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	89	96.7%
Open Water Training Tasks			
Total OW Days	52	63	121.2%
Total OW Session Time (hours)	NA	236.5	NA
OW Session Time Average (minutes)	NA	225.2	NA
Total Transports	NA	31	NA
Total Transport Time (hours)	NA	33.3	NA
Avg Roundtrip Transport Time (minutes)	NA	64.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.6.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
400'	MK16 Attachment	Pass
	MK44/MK46	Not Tested
400'	MK65	Pass
400'	MK75 VEM	Pass
	MK74 VEM	Not Tested
450'	MK62	Pass
600'	Sea Lion Anchor	Pass
	Ring Attachment MK52	Not Tested
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-19 Nov	Vigilant Shield 16	IB/Seal Beach, CA	(b)(3)	28	7

5.7 (b)(3) [redacted]

5.7.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	89	96.7%
Body Inspect (days)	92	90	97.8%
Open Water Training Tasks			
Total OW Days	52	64	123.1%
Total OW Session Time (hours)	NA	234.5	NA
OW Session Time Average (minutes)	NA	219.8	NA
Total Transports	NA	29	NA
Total Transport Time (hours)	NA	27.7	NA
Avg Roundtrip Transport Time (minutes)	NA	57.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.7.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
100'	MK74 VEM	Pass
575'	MK62	Pass
600'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.8 (b)(3) [redacted]

5.8.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	63	121.2%
Total OW Session Time (hours)	NA	234.5	NA
OW Session Time Average (minutes)	NA	223.3	NA
Total Transports	NA	28	NA
Total Transport Time (hours)	NA	25.8	NA
Avg Roundtrip Transport Time (minutes)	NA	55.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.8.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
400'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
90'	MK74 VEM	Pass
550'	MK62	Pass
600'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
15 Oct	NUWC POTR project	SCI, CA		1	1
13-19 Nov	Vigilant Shield 16	IB/Seal Beach, CA	(b)(3)	28	10
23 Nov	"A" Field range maintenance	SD, CA		4	1

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	211.5	NA
OW Session Time Average (minutes)	NA	215.1	NA
Total Transports	NA	24	NA
Total Transport Time (hours)	NA	22.2	NA
Avg Roundtrip Transport Time (minutes)	NA	55.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 500 feet

DEPTH	TARGET TYPE	TEST RESULTS
	MK12 Attachment	Not Tested
	MK16 Attachment	Not Tested
100'	MK44/MK46	Pass
450'	MK65	Pass
250'	MK75 VEM	Pass
	MK74 VEM	Not Tested
500'	MK62	Pass
500'	Sea Lion Anchor	Pass
	Ring Attachment MK52	Not Tested
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS RECOVERED (b)(3) [redacted]
15 Oct	NUWC POTR project	SCI, CA		1	0
13-19 Nov	Vigilant Shield 16	IB/Seal Beach, CA	(b)(3)	28	6
23 Nov	"A" Field range maintenance	SD, CA		4	1

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	63	121.2%
Total OW Session Time (hours)	NA	240.5	NA
OW Session Time Average (minutes)	NA	229.0	NA
Total Transports	NA	27	NA
Total Transport Time (hours)	NA	24.5	NA
Avg Roundtrip Transport Time (minutes)	NA	54.4	NA
Night Operations	NA	2	NA

*=days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
90'	MK74 VEM	Pass
575'	MK62	Pass
600'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
15 Oct	NUWC POTR project	SCI, CA	(b)(3)	1	0
13-19 Nov	Vigilant Shield 16	IB/Seal Beach, CA		28	4

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	61	117.3%
Total OW Session Time (hours)	NA	212.6	NA
OW Session Time Average (minutes)	NA	209.1	NA
Total Transports	NA	29	NA
Total Transport Time (hours)	NA	27.5	NA
Avg Roundtrip Transport Time (minutes)	NA	56.9	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 250 feet

DEPTH	TARGET TYPE	TEST RESULTS
	MK12 Attachment	Not Tested
	MK16 Attachment	Not Tested
	MK44/MK46	Not Tested
200'	MK65	Pass
250'	MK75 VEM	Pass
	MK74 VEM	Not Tested
250'	MK62	Pass
	Sea Lion Anchor	Not Tested
	Ring Attachment MK52	Not Tested
	Shallow Low Visibility Target	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	N/A
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	64	123.1%
Total OW Session Time (hours)	NA	218.9	NA
OW Session Time Average (minutes)	NA	205.2	NA
Total Transports	NA	31	NA
Total Transport Time (hours)	NA	29.8	NA
Avg Roundtrip Transport Time (minutes)	NA	57.7	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
100'	MK74 VEM	Pass
550'	MK62	Pass
550'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
13-19 Nov	Vigilant Shield 16	IB/Seal Beach, CA	(b)(3)	28	1

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing (days)*	92	91	98.9%
Body Inspect (days)	92	91	98.9%
Open Water Training Tasks			
Total OW Days	52	63	121.2%
Total OW Session Time (hours)	NA	223.5	NA
OW Session Time Average (minutes)	NA	212.9	NA
Total Transports	NA	30	NA
Total Transport Time (hours)	NA	28.3	NA
Avg Roundtrip Transport Time (minutes)	NA	56.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.17.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH	TARGET TYPE	TEST RESULTS
	MK12 Attachment	Not Tested
	MK16 Attachment	Not Tested
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
90'	MK74 VEM	Pass
575'	MK62	Pass
600'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
15 Oct	NUWC POTR project	SCI, CA		1	0
23 Nov	"A" Field range maintenance	SD, CA		4	2

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER TWO FY16
01 JAN – 31 MAR 2016

MAY 2016

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	400'	Pass	400'	Pass
MK16 Attachment	400'	Pass	400'	Pass
MK44/MK46	100'	Pass	100'	Pass
MK65	400'	Pass	400'	Pass
MK75 VEM	400'	Pass	400'	Pass
MK74 VEM	100'	Pass	100'	Pass
MK62	600'	Pass	550'	Pass
Sea Lion Anchor	550'	Pass	600'	Pass
Ring Attachment MK52	400'	Pass	400'	Pass
Shallow Low Visibility Target	<60'	Pass	<60'	Pass

4.7 MK 5 Behavior Goals	MK 5 Service Unit	MK 5 Spares

4.8 MK 5 Operational Summary	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
14-18 Mar	340WPS	SCI, CA	(b)(3)	57	57	100

5.6 (b)(3) [redacted]

5.6.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	63	121.2%
Total OW Session Time (hours)	NA	239.0	NA
OW Session Time Average (minutes)	NA	227.6	NA
Total Transports	NA	40	NA
Total Transport Time (hours)	NA	39.5	NA
Avg Roundtrip Transport Time (minutes)	NA	59.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.6.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
	MK44/MK46	Not Tested
50'	MK65	Pass
400'	MK75 VEM	Pass
	MK74 VEM	Not Tested
550'	MK62	Pass
550'	Sea Lion Anchor	Pass
50'	Ring Attachment MK52	Pass
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.7 (b)(3) [redacted]

5.7.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	89	97.8%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	63	121.2%
Total OW Session Time (hours)	NA	237.0	NA
OW Session Time Average (minutes)	NA	225.7	NA
Total Transports	NA	41	NA
Total Transport Time (hours)	NA	40.5	NA
Avg Roundtrip Transport Time (minutes)	NA	59.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.7.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
90'	MK74 VEM	Pass
500'	MK62	Pass
550'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.8 (b)(3) [redacted]

5.8.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	91	100.0%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	213.0	NA
OW Session Time Average (minutes)	NA	216.6	NA
Total Transports	NA	43	NA
Total Transport Time (hours)	NA	46.2	NA
Avg Roundtrip Transport Time (minutes)	NA	64.5	NA
Night Operations	NA	0	NA

*=days feeding reported

5.8.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
400'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
50'	MK74 VEM	Pass
600'	MK62	Pass
550'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
14-18 Mar	340WPS	SCI, CA	(b)(3)	57	11

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	91	100.0%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	56	107.7%
Total OW Session Time (hours)	NA	205.5	NA
OW Session Time Average (minutes)	NA	220.2	NA
Total Transports	NA	41	NA
Total Transport Time (hours)	NA	40.7	NA
Avg Roundtrip Transport Time (minutes)	NA	59.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.11.2 Performance Metrics

(b)(3)

Maximum Depth Tested: 500 feet

DEPTH	TARGET TYPE	TEST RESULTS
	MK12 Attachment	Not Tested
	MK16 Attachment	Not Tested
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
100'	MK74 VEM	Pass
500'	MK62	Pass
500'	Sea Lion Anchor	Pass
	Ring Attachment MK52	Not Tested
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) RECOVERED
14-18 Mar	340WPS	SCI, CA	(b)(3)	57	9

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	91	100.0%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	58	111.5%
Total OW Session Time (hours)	NA	212.8	NA
OW Session Time Average (minutes)	NA	220.1	NA
Total Transports	NA	42	NA
Total Transport Time (hours)	NA	40.7	NA
Avg Roundtrip Transport Time (minutes)	NA	58.1	NA
Night Operations	NA	0	NA

*=days feeding reported

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	91	100.0%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	58	111.5%
Total OW Session Time (hours)	NA	212.8	NA
OW Session Time Average (minutes)	NA	220.1	NA
Total Transports	NA	42	NA
Total Transport Time (hours)	NA	40.7	NA
Avg Roundtrip Transport Time (minutes)	NA	58.1	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	61	117.3%
Total OW Session Time (hours)	NA	232.0	NA
OW Session Time Average (minutes)	NA	228.2	NA
Total Transports	NA	40	NA
Total Transport Time (hours)	NA	39.5	NA
Avg Roundtrip Transport Time (minutes)	NA	59.3	NA
Night Operations	NA	0	NA

*=days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 150 feet

DEPTH	TARGET TYPE	TEST RESULTS
	MK12 Attachment	Not Tested
	MK16 Attachment	Not Tested
	MK44/MK46	Not Tested
	MK65	Not Tested
	MK75 VEM	Not Tested
	MK74 VEM	Not Tested
150'	MK62	Pass
	Sea Lion Anchor	Not Tested
	Ring Attachment MK52	Not Tested
	Shallow Low Visibility Target	Not Tested

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	N/A
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 550 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
400'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
100'	MK74 VEM	Pass
550'	MK62	Pass
550'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
14-18 Mar	340WPS	SCI, CA	(b)(3)	57	15

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing (days)*	91	90	98.9%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	217.0	NA
OW Session Time Average (minutes)	NA	220.7	NA
Total Transports	NA	45	NA
Total Transport Time (hours)	NA	49.2	NA
Avg Roundtrip Transport Time (minutes)	NA	65.6	NA
Night Operations	NA	0	NA

*=days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 400 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
	MK16 Attachment	Not Tested
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
	MK74 VEM	Not Tested
250'	MK62	Pass
250'	Sea Lion Anchor	Pass
	Ring Attachment MK52	Not Tested
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
14-18 Mar	340WPS	SCI, CA	(b)(3)	57	11

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics: (b)(3) [redacted]	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing (days)*	91	90	98.9%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	59	113.5%
Total OW Session Time (hours)	NA	214.0	NA
OW Session Time Average (minutes)	NA	217.6	NA
Total Transports	NA	43	NA
Total Transport Time (hours)	NA	41.7	NA
Avg Roundtrip Transport Time (minutes)	NA	58.2	NA
Night Operations	NA	0	NA

*=days feeding reported

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER THREE FY16
01 APR – 30 JUN 2016

AUG 2016

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

5.17.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
400'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
50'	MK74 VEM	Pass
550'	MK62	Pass
600'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
<60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
14-18 Mar	340WPS	SCI, CA	(b)(3)	57	11

4.6 MK 5 Operational Metrics

	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	400'	PASS	400'	PASS
MK16 Attachment	250'	PASS	250'	PASS
MK44/MK46	100'	PASS	100'	PASS
MK65	400'	PASS	400'	PASS
MK75 VEM	400'	PASS	400'	PASS
MK74 VEM	400'	PASS	400'	PASS
MK62	700'	PASS	750'	PASS
Sea Lion Anchor	700'	PASS	700'	PASS
Ring Attachment MK52	400'	PASS	400'	PASS
Shallow Low Visibility Target	50'	PASS	50'	PASS

4.7 MK 5 Behavior Goals

MK 5 Service Unit	MK 5 Spares

4.8 MK 5 Operational Summary

	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
5-7 April	IB SCORE field	Imperial Beach	(b)(3)	23*	20	87%
14 April	PC HFWB	Imperial Beach		33	33	100%
25 April-24 May	IMCMEX	Persian Gulf		59*	59*	100%

IB SCORE
*24 targets laid, 23 recoverable. 1 Mk-46 slipped from harness during deployment, 3 targets nothing found at location provided.

IMCMEX
*Targets laid in accordance with Mk-5 system specifications. Of 96 targets laid, 37 were unrecoverable either missing or tangled in nets.

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	89	97.8%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	42.0	80.8%
Total OW Session Time (hours)		154.0	
OW Session Time Average (minutes)		220.0	
Total Transports		33	
Total Transport Time (hours)		32.0	
AVG Roundtrip Transport Time (minutes)		58.2	
Night Operations			

*= days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	pass
250'	MK16 Attachment	pass
100'	MK44/MK46	pass
400'	MK65	pass
400'	MK75 VEM	pass
	MK74 VEM	Not Tested
700'	MK62	Pass
700'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Not Tested
Squeeze Cage	Pass
Recall Pinger	Not Tested
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
5-7 April	IB SCORE field	Imperial Beach		20	4
14 April	PC HFWB	Imperial Beach	(b)(3)	33	7
25 April-24 May	IMCMEX	Persian Gulf		59	8

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	63.0	121.2%
Total OW Session Time (hours)		230.7	
OW Session Time Average (minutes)		219.7	
Total Transports		38	
Total Transport Time (hours)		38.3	
AVG Roundtrip Transport Time (minutes)		60.5	
Night Operations			

*= days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 Feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Fail
400'	MK65	Pass
400'	MK75 VEM	Pass
400'	MK74 VEM	Pass
700'	MK62	Pass
650'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Not tested
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
14 April	PC HFWB	Imperial Beach	(b)(3)	33	4

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing & Gating (days)*	91	90	98.9%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	41.0	78.8%
Total OW Session Time (hours)		150.0	
OW Session Time Average (minutes)		219.5	
Total Transports		34	
Total Transport Time (hours)		32.3	
AVG Roundtrip Transport Time (minutes)		57.1	
Night Operations			

*= days feeding reported

5.14.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700'

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
400'	MK74 VEM	Pass
700'	MK62	Pass
600'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
30'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Not Tested
Squeeze Cage	Pass
Recall Pinger	Not Tested
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
14 April	PC HFWB	Imperial Beach	(b)(3)	33	7
25 April-24 May	IMCMEX	Persian Gulf		59	21

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing & Gating (days)*	91	90	98.9%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	59.0	113.5%
Total OW Session Time (hours)		215.0	
OW Session Time Average (minutes)		218.6	
Total Transports		33	
Total Transport Time (hours)		33.0	
AVG Roundtrip Transport Time (minutes)		60.0	
Night Operations			

*= days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 500'

DEPTH	TARGET TYPE	TEST RESULTS
	MK12 Attachment	Not Tested
	MK16 Attachment	Not Tested
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
100'	MK74 VEM	Pass
500'	MK62	Pass
500'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Fail
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Not Tested
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
5-7 April	IB Score field	Imperial Beach	(b)(3)	20	3
14 April	PC HFWB	Imperial Beach		33	7

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	41.0	78.8%
Total OW Session Time (hours)		151.0	
OW Session Time Average (minutes)		221.0	
Total Transports		34	
Total Transport Time (hours)		31.8	
AVG Roundtrip Transport Time (minutes)		56.2	
Night Operations			

*= days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700'

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
70'	MK74 VEM	Pass
700'	MK62	Pass
700'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Not Tested
Squeeze Cage	Pass
Recall Pinger	Not Tested
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
5-7 April	IB SCORE field	Imperial Beach	(b)(3)	20	4
14 April	PC HFWB	Imperial Beach		33	2
25 April-24 May	IMCMEX	Persian Gulf		59	31

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	89	97.8%
Pen Training Tasks			
Stationing & Gating (days)*	91	88	96.7%
Body Inspect (days)	91	87	95.6%
Open Water Training Tasks			
Total OW Days	52	60.0	115.4%
Total OW Session Time (hours)		220.3	
OW Session Time Average (minutes)		220.3	
Total Transports		35	
Total Transport Time (hours)		35.0	
AVG Roundtrip Transport Time (minutes)		60.0	
Night Operations			

*= days feeding reported

(b)(3) [redacted]

5.17.2 Performance Metrics

Maximum Depth Tested: 150'

DEPTH	TARGET TYPE	TEST RESULTS
	MK12 Attachment	Not Tested
65'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
50'	MK65	Pass
100'	MK75 VEM	Pass
	MK74 VEM	Not Tested
150'	MK62	Pass
150'	Sea Lion Anchor	Pass
150'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Not Tested
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED

5.18 (b)(3) [redacted]

5.18.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing & Gating (days)*	91	90	98.9%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	62.0	119.2%
Total OW Session Time (hours)		224.3	
OW Session Time Average (minutes)		217.1	
Total Transports		35	
Total Transport Time (hours)		35.0	
AVG Roundtrip Transport Time (minutes)		60.0	
Night Operations			

*= days feeding reported

(b)(3) [redacted]

5.18.2 Performance Metrics

Maximum Depth Tested: 400'

DEPTH	TARGET TYPE	TEST RESULTS
50'	MK12 Attachment	Pass
150'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
150'	MK65	Pass
150'	MK75 VEM	Pass
	MK74 VEM	Not Tested
150'	MK62	Pass
150'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Not Tested
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
5-7 April	IB SCORE field	Imperial Beach	(b)(3)	20	4
14 April	PC HFWB	Imperial Beach		33	2

5.19 (b)(3) [redacted]

5.19.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	90	98.9%
Pen Training Tasks			
Stationing & Gating (days)*	91	89	97.8%
Body Inspect (days)	91	89	97.8%
Open Water Training Tasks			
Total OW Days	52	64.0	123.1%
Total OW Session Time (hours)		229.4	
OW Session Time Average (minutes)		215.0	
Total Transports		36	
Total Transport Time (hours)		36.0	
AVG Roundtrip Transport Time (minutes)		60.0	
Night Operations			

*= days feeding reported

5.19.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750'

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
100'	MK74 VEM	Pass
750'	MK62	Pass
650'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Not Tested
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
5-7 April	IB Score field	Imperial Beach	(b)(3)	20	5
14 April	PC HFWB	Imperial Beach		33	4

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER FOUR FY16
01 JUL – 30 SEP 2016

SEP 2016

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics

	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	400'	PASS	400'	PASS
MK16 Attachment	250'	PASS	250'	PASS
MK44/MK46	100'	PASS	100'	PASS
MK65	400'	PASS	400'	PASS
MK75 VEM	400'	PASS	400'	PASS
MK74 VEM	400'	PASS	400'	PASS
MK62	700'	PASS	750'	PASS
Sea Lion Anchor	700'	PASS	700'	PASS
Ring Attachment MK52	400'	PASS	400'	PASS
Shallow Low Visibility Target	50'	PASS	50'	PASS

4.7 MK 5 Behavior Goals **MK 5 Service Unit** **MK 5 Spares**

4.8 MK 5 Operational Summary

	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
15 July-25 Aug	RIMPAC16	San Diego	(b)(3)	39	39	100%
1-5 Aug	9/37BS	San Clemente Island		80	80	100%

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	59.0	*113.5%*
Total OW Session Time (hours)		216.3	
OW Session Time Average (minutes)		220.0	
Total Transports		32	
Total Transport Time (hours)		31.3	
AVG Roundtrip Transport Time (minutes)		58.8	
Night Operations			

*= days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 675 Feet

DEPTH	TARGET TYPE	TEST RESULTS
600'	MK12 Attachment	pass
250'	MK16 Attachment	pass
50'	MK44/MK46	pass
400'	MK65	pass
400'	MK75 VEM	pass
N/A	MK74 VEM	N/A
650'	MK62	pass
675'	Sea Lion Anchor	pass
400'	Ring Attachment MK52	pass
50'	Shallow Low Visibility Target	pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	pass
Non-Pingered Targets	pass
Squeeze Cage	pass
Recall Pinger	pass
Voluntary Blood Stick	pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
15 July-25 Aug	RIMPAC16	San Diego	(b)(3)	39	5
1-5 Aug	9/37BS	SCI		80	16

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	92	101.1%
Pen Training Tasks			
Stationing & Gating (days)*	91	92	101.1%
Body Inspect (days)	91	92	101.1%
Open Water Training Tasks			
Total OW Days	52	56.0	107.7%
Total OW Session Time (hours)		208.0	
OW Session Time Average (minutes)		222.9	
Total Transports		30	
Total Transport Time (hours)		29.3	
AVG Roundtrip Transport Time (minutes)		58.7	
Night Operations			

*= days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
75'	MK44/MK46	Pass
500'	MK65	Pass
400'	MK75 VEM	Pass
400'	MK74 VEM	Pass
600'	MK62	Pass
700'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
40'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
15 July-25 Aug	RIMPAC16	San Diego	(b)(3)	39	2
1-5 Aug	9/37BS	SCI		80	4

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	92	101.1%
Pen Training Tasks			
Stationing & Gating (days)*	91	90	98.9%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	57.0	109.6%
Total OW Session Time (hours)		215.0	
OW Session Time Average (minutes)		226.3	
Total Transports		33	
Total Transport Time (hours)		32.3	
AVG Roundtrip Transport Time (minutes)		58.8	
Night Operations			

*= days feeding reported

5.14.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 Feet

DEPTH	TARGET TYPE	TEST RESULTS
600'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
400'	MK74 VEM	Pass
650'	MK62	Pass
700'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
30'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
15 July-25 Aug	RIMPAC16	San Diego	(b)(3)	39	5
1-5 Aug	9/37BS	SCI		80	14

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	92	101.1%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	57.0	109.6%
Total OW Session Time (hours)		217.0	
OW Session Time Average (minutes)		228.4	
Total Transports		33	
Total Transport Time (hours)		33.5	
AVG Roundtrip Transport Time (minutes)		60.9	
Night Operations			

*= days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 450 Feet

DEPTH	TARGET TYPE	TEST RESULTS
N/A	MK12 Attachment	N/A
N/A	MK16 Attachment	N/A
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
250'	MK74 VEM	Pass
450'	MK62	Pass
400'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Fail
30'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS RECOVERED (b)(3) [redacted]
15 July-25 Aug	RIMPAC16	San Diego	(b)(3)	39	2

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	92	101.1%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	54.0	*103.8%*
Total OW Session Time (hours)		204.0	
OW Session Time Average (minutes)		226.7	
Total Transports		30	
Total Transport Time (hours)		30.0	
AVG Roundtrip Transport Time (minutes)		60.0	
Night Operations			

*= days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 Feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
70'	MK74 VEM	Pass
650'	MK62	Pass
700'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
15 July-25 Aug	RIMPAC16	San Diego	(b)(3)	39	7
1-5 Aug	9/37BS	SCI		80	34

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	92	101.1%
Pen Training Tasks			
Stationing & Gating (days)*	91	92	101.1%
Body Inspect (days)	91	92	101.1%
Open Water Training Tasks			
Total OW Days	52	60.0	115.4%
Total OW Session Time (hours)		223.5	
OW Session Time Average (minutes)		223.5	
Total Transports		30	
Total Transport Time (hours)		29.7	
AVG Roundtrip Transport Time (minutes)		59.3	
Night Operations			

*= days feeding reported

(b)(3) [redacted]

5.17.2 Performance Metrics

Maximum Depth Tested: 150 Feet

DEPTH	TARGET TYPE	TEST RESULTS
N/A	MK12 Attachment	N/A
70'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
150'	MK65	Pass
150'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
150'	MK62	Pass
150'	Sea Lion Anchor	Pass
100'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	N/A
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
15 July-25 Aug	RIMPAC16	San Diego	(b)(3)	39	2

5.18 (b)(3) [redacted]

5.18.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	92	101.1%
Pen Training Tasks			
Stationing & Gating (days)*	91	92	101.1%
Body Inspect (days)	91	92	101.1%
Open Water Training Tasks			
Total OW Days	52	60.0	115.4%
Total OW Session Time (hours)		221.3	
OW Session Time Average (minutes)		221.3	
Total Transports		29	
Total Transport Time (hours)		28.7	
AVG Roundtrip Transport Time (minutes)		59.3	
Night Operations			

*= days feeding reported

(b)(3) [redacted]

5.18.2 Performance Metrics

Maximum Depth Tested: 250 Feet

DEPTH	TARGET TYPE	TEST RESULTS
225'	MK12 Attachment	Pass
150'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
225'	MK65	Pass
225'	MK75 VEM	Pass
250'	MK74 VEM	Fail
200'	MK62	Pass
225'	Sea Lion Anchor	Pass
150'	Ring Attachment MK52	Pass
75'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
5 July-25 Aug	RIMPAC16	San Diego		39	7

5.19 (b)(3) [redacted]

5.19.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	55.0	105.8%
Total OW Session Time (hours)		204.3	
OW Session Time Average (minutes)		222.9	
Total Transports		27	
Total Transport Time (hours)		26.3	
AVG Roundtrip Transport Time (minutes)		58.5	
Night Operations			

*= days feeding reported

5.19 (b)(3) [redacted]

5.19.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	90	98.9%
Open Water Training Tasks			
Total OW Days	52	55.0	*105.8%*
Total OW Session Time (hours)		204.3	
OW Session Time Average (minutes)		222.9	
Total Transports		27	
Total Transport Time (hours)		26.3	
AVG Roundtrip Transport Time (minutes)		58.5	
Night Operations			

*= days feeding reported

5.19.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 Feet

DEPTH	TARGET TYPE	TEST RESULTS
600'	MK12 Attachment	Pass
250'	MK16 Attachment	Fail
100'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
250'	MK74 VEM	Pass
600'	MK62	Pass
700'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

OPERATIONAL SUMMARY

DATES	EXERCISE NAME	EXERCISE LOCATION	SEA LIONS PARTICIPATED	TOTAL # TARGETS DROPPED FOR OP	TOTAL # TARGETS (b)(3) [redacted] RECOVERED
15 July-25 Aug	RIMPAC16	San Diego	(b)(3)	39	9
1-5 Aug	9/37BS	SCI		80	12

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER ONE FY17
01 OCT – 31 DEC 2016

DEC 2016

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics

	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	450	PASS	450	PASS
MK16 Attachment	250	PASS	250	PASS
MK44/MK46	90	PASS	90	PASS
MK65	450	PASS	450	PASS
MK75 VEM	500	PASS	500	PASS
MK74 VEM	N/A	N/A	N/A	N/A
MK62	650	PASS	650	PASS
Sea Lion Anchor	700	PASS	700	PASS
Ring Attachment MK52	500	PASS	500	PASS
Shallow Low Visibility Target	50	PASS	50	PASS

4.7 MK 5 Behavior Goals **MK 5 Service Unit** **MK 5 Spares**

4.8 MK 5 Operational Summary

	Exercise Name	Exercise Location	Sea Lions Participated	Total # Recoverable Targets	Total # Targets Recovered	% Recovered
3-6 Oct	340WPS	SCI, CA		23	23	100
3-6 Oct	RIMPAC16	SCI, CA		12	12	100
6 Oct	UUV IB Range Maint	Imperial Beach	(b)(3)	6	6	100
15-17 Nov	CTX16/CVW-2	SCI, CA		21	21	100
28 Nov	Alpha Range Maint	SD, CA		4	4	100
7-12 Dec	Alpha Range Maint	SD, CA		14	14	100

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	79	85.9%
Pen Training Tasks			
Stationing & Gating (days)*	92	79	85.9%
Body Inspect (days)	92	79	85.9%
Open Water Training Tasks			
Total OW Days	52	21.0	40.4%
Total OW Session Time (hours)		83.0	
OW Session Time Average (minutes)		237.1	
Total Transports		42	
Total Transport Time (hours)		49.0	
AVG Roundtrip Transport Time (minutes)		70.0	
Night Operations			

*= days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 Feet

DEPTH	TARGET TYPE	TEST RESULTS
450'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
450'	MK65	Pass
500'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
650'	MK62	Pass
700'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	78	84.8%
Pen Training Tasks			
Stationing & Gating (days)*	92	78	84.8%
Body Inspect (days)	92	78	84.8%
Open Water Training Tasks			
Total OW Days	52	20.0	38.5%
Total OW Session Time (hours)		79.0	
OW Session Time Average (minutes)		237.0	
Total Transports		42	
Total Transport Time (hours)		50.0	
AVG Roundtrip Transport Time (minutes)		71.4	
Night Operations			

*= days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
400'	MK65	Pass
500'	MK75 VEM	Pass
500'	MK74 VEM	Pass
700'	MK62	Pass
700'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	75	81.5%
Pen Training Tasks			
Stationing & Gating (days)*	92	75	81.5%
Body Inspect (days)	92	75	81.5%
Open Water Training Tasks			
Total OW Days	52	24.0	46.2%
Total OW Session Time (hours)		95.0	
OW Session Time Average (minutes)		237.5	
Total Transports		44	
Total Transport Time (hours)		49.0	
AVG Roundtrip Transport Time (minutes)		66.8	
Night Operations			

*= days feeding reported

5.14.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
500'	MK74 VEM	Pass
700'	MK62	Pass
650'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	79	85.9%
Pen Training Tasks			
Stationing & Gating (days)*	92	79	85.9%
Body Inspect (days)	92	79	85.9%
Open Water Training Tasks			
Total OW Days	52	24.0	46.2%
Total OW Session Time (hours)		95.0	
OW Session Time Average (minutes)		237.5	
Total Transports		43	
Total Transport Time (hours)		48.0	
AVG Roundtrip Transport Time (minutes)		67.0	
Night Operations			

*= days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 450 Feet

DEPTH	TARGET TYPE	TEST RESULTS
NA	MK12 Attachment	NA
NA	MK16 Attachment	NA
250'	MK44/MK46	Pass
450'	MK65	Pass
300'	MK75 VEM	Pass
50'	MK74 VEM	Pass
450'	MK62	Pass
300'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	78	84.8%
Pen Training Tasks			
Stationing & Gating (days)*	92	78	84.8%
Body Inspect (days)	92	78	84.8%
Open Water Training Tasks			
Total OW Days	52	21.0	40.4%
Total OW Session Time (hours)		83.0	
OW Session Time Average (minutes)		237.1	
Total Transports		43	
Total Transport Time (hours)		57.0	
AVG Roundtrip Transport Time (minutes)		79.5	
Night Operations			

*= days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
450'	MK65	Pass
400'	MK75 VEM	Pass
500'	MK74 VEM	Pass
700'	MK62	Pass
700'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	76	82.6%
Pen Training Tasks			
Stationing & Gating (days)*	92	76	82.6%
Body Inspect (days)	92	76	82.6%
Open Water Training Tasks			
Total OW Days	52	25.0	48.1%
Total OW Session Time (hours)		99.0	
OW Session Time Average (minutes)		237.6	
Total Transports		39	
Total Transport Time (hours)		44.0	
AVG Roundtrip Transport Time (minutes)		67.7	
Night Operations			

*= days feeding reported

(b)(3) [redacted]

5.17.2 Performance Metrics

Maximum Depth Tested: 200 feet

DEPTH	TARGET TYPE	TEST RESULTS
N/A	MK12 Attachment	N/A
N/A	MK16 Attachment	N/A
90'	MK44/MK46	Pass
N/A	MK65	N/A
150'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
200'	MK62	Pass
N/A	Sea Lion Anchor	N/A
140'	Ring Attachment MK52	Pass
150'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	N/A
Voluntary Blood Stick	Pass

5.18 (b)(3) [redacted]

5.18.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	79	85.9%
Pen Training Tasks			
Stationing & Gating (days)*	92	79	85.9%
Body Inspect (days)	92	79	85.9%
Open Water Training Tasks			
Total OW Days	52	26.0	50.0%
Total OW Session Time (hours)		103.0	
OW Session Time Average (minutes)		237.7	
Total Transports		43	
Total Transport Time (hours)		46.5	
AVG Roundtrip Transport Time (minutes)		64.9	
Night Operations			

*= days feeding reported

(b)(3) [redacted]

5.18.2 Performance Metrics

Maximum Depth Tested: 400 feet

DEPTH	TARGET TYPE	TEST RESULTS
400'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
75'	MK44/MK46	Pass
200'	MK65	Pass
300'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
250'	MK62	Pass
275'	Sea Lion Anchor	Pass
50'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.19 (b)(3) [redacted]

5.19.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	76	82.6%
Pen Training Tasks			
Stationing & Gating (days)*	92	76	82.6%
Body Inspect (days)	92	76	82.6%
Open Water Training Tasks			
Total OW Days	52	21.0	40.4%
Total OW Session Time (hours)		83.0	
OW Session Time Average (minutes)		237.1	
Total Transports		40	
Total Transport Time (hours)		46.0	
AVG Roundtrip Transport Time (minutes)		69.0	
Night Operations			

*= days feeding reported

5.19.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
50'	MK16 Attachment	Pass
70'	MK44/MK46	Pass
400'	MK65	Pass
500'	MK75 VEM	Pass
400'	MK74 VEM	Pass
700'	MK62	Pass
650'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER TWO FY17
01 JAN – 31 MAR 2017

MAR 2017

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics

	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	450	PASS	450	PASS
MK16 Attachment	250	PASS	250	PASS
MK44/MK46	90	PASS	90	PASS
MK65	450	PASS	450	PASS
MK75 VEM	500	PASS	500	PASS
MK74 VEM	N/A	N/A	N/A	N/A
MK62	650	PASS	650	PASS
Sea Lion Anchor	700	PASS	700	PASS
Ring Attachment MK52	500	PASS	500	PASS
Shallow Low Visibility Target	50	PASS	50	PASS

4.7 MK 5 Behavior Goals

MK 5 Service Unit

MK 5 Spares

4.8 MK 5 Operational Summary

	Exercise Name	Exercise Location	Sea Lions Participated	*Total # Recoverable Targets	Total # Targets Recovered	% Recovered
9-14 Jan	9BS	SCI, CA		45	45	100
1 Mar	RIMPAC16	SCI, CA	(b)(3)	3	3	100
14 Mar	Alpha Range Maint	SD, CA		4	4	100

*Total # recoverable targets laid in accordance with system specs

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	28.0	53.8%
Total OW Session Time (hours)		112.0	
OW Session Time Average (minutes)		240.0	
Total Transports		48	
Total Transport Time (hours)		55.0	
AVG Roundtrip Transport Time (minutes)		68.8	
Night Operations			

*= days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 Feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
700'	MK62	Pass
750'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	27.0	51.9%
Total OW Session Time (hours)		108.0	
OW Session Time Average (minutes)		240.0	
Total Transports		47	
Total Transport Time (hours)		51.0	
AVG Roundtrip Transport Time (minutes)		65.1	
Night Operations			

*= days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
500'	MK74 VEM	Pass
700'	MK62	Pass
750'	Sea Lion Anchor	Pass
450'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100.0%
Body Inspect (days)	90	89	98.9%
Open Water Training Tasks			
Total OW Days	52	26.0	50.0%
Total OW Session Time (hours)		104.0	
OW Session Time Average (minutes)		240.0	
Total Transports		47	
Total Transport Time (hours)		50.5	
AVG Roundtrip Transport Time (minutes)		64.5	
Night Operations			

*= days feeding reported

5.14.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
400'	MK74 VEM	Pass
700'	MK62	Pass
750'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100%
Body Inspect (days)	90	90	100%
Open Water Training Tasks			
Total OW Days	52	25.0	*48.1%*
Total OW Session Time (hours)		100	
OW Session Time Average (minutes)		240	
Total Transports		43	
Total Transport Time (hours)		47.0	
AVG Roundtrip Transport Time (minutes)		65.6	
Night Operations			

*= days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 450 Feet

DEPTH	TARGET TYPE	TEST RESULTS
NA	MK12 Attachment	NA
NA	MK16 Attachment	NA
100'	MK44/MK46	Pass
400'	MK65	Pass
350'	MK75 VEM	Pass
n/a	MK74 VEM	n/a
450'	MK62	Pass
400'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Fail
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	89	98.9%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	24.0	46.2%
Total OW Session Time (hours)		96.0	
OW Session Time Average (minutes)		240.0	
Total Transports		45	
Total Transport Time (hours)		50.0	
AVG Roundtrip Transport Time (minutes)		66.7	
Night Operations			

*= days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
400'	MK74 VEM	Pass
700'	MK62	Pass
750'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

(b)(3) [redacted]

5.17.2 Performance Metrics

Maximum Depth Tested: 200 feet

DEPTH	TARGET TYPE	TEST RESULTS
N/A	MK12 Attachment	N/A
N/A	MK16 Attachment	N/A
45'	MK44/MK46	Pass
50'	MK65	Pass
150'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
200'	MK62	Pass
160'	Sea Lion Anchor	Pass
n/a	Ring Attachment MK52	n/a
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	89	98.9%
Body Inspect (days)	90	89	98.9%
Open Water Training Tasks			
Total OW Days	52	27.0	51.9%
Total OW Session Time (hours)		108.0	
OW Session Time Average (minutes)		240.0	
Total Transports		50	
Total Transport Time (hours)		58.0	
AVG Roundtrip Transport Time (minutes)		69.67	
Night Operations			

*= days feeding reported

5.18 (b)(3) [redacted]

5.18.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100.0%
Body Inspect (days)	90	89	98.9%
Open Water Training Tasks			
Total OW Days	52	27.0	51.9%
Total OW Session Time (hours)		108.0	
OW Session Time Average (minutes)		240.0	
Total Transports		42	
Total Transport Time (hours)		50.0	
AVG Roundtrip Transport Time (minutes)		71.4	
Night Operations			

*= days feeding reported

(b)(3) [redacted]

5.18.2 Performance Metrics

Maximum Depth Tested: 400 feet

DEPTH	TARGET TYPE	TEST RESULTS
n/a	MK12 Attachment	n/a
n/a	MK16 Attachment	n/a
50'	MK44/MK46	Pass
50'	MK65	Pass
300'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
400'	MK62	Pass
400'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.19 (b)(3) [redacted]

5.19.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100.0%
Body Inspect (days)	90	89	98.9%
Open Water Training Tasks			
Total OW Days	52	27.0	*51.9%*
Total OW Session Time (hours)		108.0	
OW Session Time Average (minutes)		240.0	
Total Transports		44	
Total Transport Time (hours)		52.0	
AVG Roundtrip Transport Time (minutes)		70.9	
Night Operations			

*= days feeding reported

5.19.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 750 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
500'	MK74 VEM	Pass
700'	MK62	Pass
750'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER THREE FY17
01 APR – 30 JUN 2017

AUG 2017

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics

	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	450	PASS	450	PASS
MK16 Attachment	250	PASS	250	PASS
MK44/MK46	90	PASS	90	PASS
MK65	450	PASS	450	PASS
MK75 VEM	500	PASS	500	PASS
MK74 VEM	N/A	N/A	N/A	N/A
MK62	650	PASS	650	PASS
Sea Lion Anchor	700	PASS	700	PASS
Ring Attachment MK52	500	PASS	500	PASS
Shallow Low Visibility Target	50	PASS	50	PASS

4.7 MK 5 Behavior Goals

	MK 5 Service Unit	MK 5 Spares

4.8 MK 5 Operational Summary

	Exercise Name	Exercise Location	Sea Lions Participated	*Total # Recoverable Targets	Total # Targets Recovered	% Recovered
5 Apr	UUV IB Range Maint	IB, CA		3	3	100
8-12 May	CTX17/9BS	SCI, CA		53	53	100
31 May	Alpha Range Maint	SD, CA	(b)(3)	9	9	100
1 Jun	UUV IB Range Maint	IB, CA		9	6	100
7 Jun	Alpha Range Maint	SD, CA		1	1	100

*Total # recoverable targets laid in accordance with system specs

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	88	96.7%
Pen Training Tasks			
Stationing & Gating (days)*	91	88	96.7%
Body Inspect (days)	91	87	95.6%
Open Water Training Tasks			
Total OW Days	52	35.0	67.3%
Total OW Session Time (hours)		151.0	
OW Session Time Average (minutes)		258.9	
Total Transports		58	
Total Transport Time (hours)		57.3	
AVG Roundtrip Transport Time (minutes)		59.3	
Night Operations			

*= days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 Feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
600'	MK62	Pass
600'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	36.0	69.2%
Total OW Session Time (hours)		144.0	
OW Session Time Average (minutes)		240.0	
Total Transports		58	
Total Transport Time (hours)		57.3	
AVG Roundtrip Transport Time (minutes)		59.3	
Night Operations			

*= days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
100'	MK74 VEM	Pass
600'	MK62	Pass
600'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	37.0	71.2%
Total OW Session Time (hours)		159.0	
OW Session Time Average (minutes)		257.8	
Total Transports		52	
Total Transport Time (hours)		52.0	
AVG Roundtrip Transport Time (minutes)		60.0	
Night Operations			

*= days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
100'	MK74 VEM	Pass
550'	MK62	Pass
600'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	34.0	65.4%
Total OW Session Time (hours)		136.0	
OW Session Time Average (minutes)		240.0	
Total Transports		55	
Total Transport Time (hours)		55.0	
AVG Roundtrip Transport Time (minutes)		60.0	
Night Operations			

*= days feeding reported

5.14.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 500 Feet

DEPTH	TARGET TYPE	TEST RESULTS
NA	MK12 Attachment	NA
NA	MK16 Attachment	NA
100'	MK44/MK46	Pass
400'	MK65	Pass
450'	MK75 VEM	Pass
n/a	MK74 VEM	n/a
500'	MK62	Pass
400'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Fail
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	37.0	71.2%
Total OW Session Time (hours)		159.0	
OW Session Time Average (minutes)		257.8	
Total Transports		58	
Total Transport Time (hours)		58.0	
AVG Roundtrip Transport Time (minutes)		60.0	
Night Operations			

*= days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
200'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
100'	MK74 VEM	Pass
600'	MK62	Pass
600'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	36.0	69.2%
Total OW Session Time (hours)		144.0	
OW Session Time Average (minutes)		240.0	
Total Transports		61	
Total Transport Time (hours)		61.0	
AVG Roundtrip Transport Time (minutes)		60.0	
Night Operations			

*= days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 150 feet

DEPTH	TARGET TYPE	TEST RESULTS
N/A	MK12 Attachment	N/A
N/A	MK16 Attachment	N/A
50'	MK44/MK46	Pass
100'	MK65	Pass
50'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
150'	MK62	Pass
110'	Sea Lion Anchor	Pass
50'	Ring Attachment MK52	n/a
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	36.0	69.2%
Total OW Session Time (hours)		144.0	
OW Session Time Average (minutes)		240.0	
Total Transports		61	
Total Transport Time (hours)		61.0	
AVG Roundtrip Transport Time (minutes)		60.0	
Night Operations			

*= days feeding reported

5.17.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 270 feet

DEPTH	TARGET TYPE	TEST RESULTS
n/a	MK12 Attachment	n/a
n/a	MK16 Attachment	n/a
100'	MK44/MK46	Pass
100'	MK65	Pass
150'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
250'	MK62	Pass
270'	Sea Lion Anchor	Pass
55'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.18 (b)(3) [redacted]

5.18.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	36.0	69.2%
Total OW Session Time (hours)		148.0	
OW Session Time Average (minutes)		246.7	
Total Transports		58	
Total Transport Time (hours)		58.0	
AVG Roundtrip Transport Time (minutes)		60.0	
Night Operations			

*= days feeding reported

5.18.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
100'	MK74 VEM	Pass
600'	MK62	Pass
600'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER FOUR FY17
01 JUL – 30 SEP 2017

OCT 2017

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics

	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	450	PASS	450	PASS
MK16 Attachment	250	PASS	250	PASS
MK44/MK46	90	PASS	90	PASS
MK65	450	PASS	450	PASS
MK75 VEM	500	PASS	500	PASS
MK74 VEM	N/A	N/A	N/A	N/A
MK62	650	PASS	650	PASS
Sea Lion Anchor	700	PASS	700	PASS
Ring Attachment MK52	500	PASS	500	PASS
Shallow Low Visibility Target	50	PASS	50	PASS

4.7 MK 5 Behavior Goals

MK 5 Service Unit

MK 5 Spares

4.8 MK 5 Operational Summary

	Exercise Name	Exercise Location	Sea Lions Participated	*Total # Recoverable Targets	Total # Targets Recovered	% Recovered
10 Jul	Code 53 project recovery	IB, CA		3	3	100
17-21 July	Tanner Bank	TB, CA		29	29	100
14-15 Aug	HTS Testing	IB, CA		14	14	100
15-16 Aug	RIMPAC16	SD, CA		9	9	100
28-31 Aug	CVW-17/20th BS	SCI, CA		43	43	100
12 Sep	RIMPAC16	SD, CA		1	1	100

*Total # recoverable targets laid in accordance with system specs

2.4 (b)(3) [redacted]

2.4.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	54.0	103.8%
Night Operations			

*= days feeding reported

2.4.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 650 Feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Fail/Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
700'	MK62	Pass
650'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

2.5 (b)(3) [redacted]

2.5.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	52.0	100.0%
Night Operations			

2.1.1 *= days feeding reported

Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
650'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

2.2 (b)(3) [redacted]

2.2.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	52.0	100.0%
Night Operations			

*= days feeding reported

2.2.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
700'	MK62	Pass
650'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

2.3 (b)(3) [redacted]

2.3.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	41.0	78.8%
Night Operations			

*= days feeding reported

2.3.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 450 Feet

DEPTH	TARGET TYPE	TEST RESULTS
NA	MK12 Attachment	NA
NA	MK16 Attachment	NA
90'	MK44/MK46	Pass
400'	MK65	Pass
450'	MK75 VEM	Pass
250	MK74 VEM	Pass
450'	MK62	Pass
375'	Sea Lion Anchor	Pass
400'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

2.4 (b)(3) [redacted]

2.4.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	55.0	*105.8%*
Night Operations			

*= days feeding reported

2.4.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 700 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Fail/Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
700'	MK62	Pass
650'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	N/A

2.5 (b)(3) [redacted]

2.5.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	46.0	88.5%
Night Operations			

*= days feeding reported

2.5.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 175 feet

DEPTH	TARGET TYPE	TEST RESULTS
N/A	MK12 Attachment	N/A
N/A	MK16 Attachment	N/A
90'	MK44/MK46	Pass
135'	MK65	Pass
175'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
175'	MK62	Pass
150'	Sea Lion Anchor	Pass
50'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

2.6 (b)(3) [redacted]

2.6.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	50.0	96.2%
Night Operations			

*= days feeding reported

2.6.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 270 feet

DEPTH	TARGET TYPE	TEST RESULTS
n/a	MK12 Attachment	n/a
n/a	MK16 Attachment	n/a
100'	MK44/MK46	Pass
100'	MK65	Pass
150'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
250'	MK62	Pass
270'	Sea Lion Anchor	Pass
55'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

2.7 (b)(3) [redacted]

2.7.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	56.0	*107.7%*
Night Operations			

*= days feeding reported

2.7.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 650 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Fail/Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
600'	MK62	Pass
650'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER ONE FY18
01 OCT – 31 DEC 2017

JAN 2018

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics

	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	450	PASS	450	PASS
MK16 Attachment	250	PASS	250	PASS
MK44/MK46	90	PASS	90	PASS
MK65	450	PASS	450	PASS
MK75 VEM	500	PASS	500	PASS
MK74 VEM	N/A	N/A	N/A	N/A
MK62	650	PASS	650	PASS
Sea Lion Anchor	700	PASS	700	PASS
Ring Attachment MK52	500	PASS	500	PASS
Shallow Low Visibility Target	50	PASS	50	PASS

4.7 MK 5 Behavior Goals

MK 5 Service Unit

MK 5 Spares

4.8 MK 5 Operational Summary

	Exercise Name	Exercise Location	Sea Lions Participated	*Total # Recoverable Targets	Total # Targets Recovered	% Recovered
6-8 Nov	UUV field	SD, CA	(b)(3)	14	14	100
20 Nov	UUV field	SD, CA		1	1	100
27 Nov	Alpha field	SD, CA		4	4	100

*Total # recoverable targets laid in accordance with system specs

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	57.0	109.9%
Night Operations			

*= days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 Feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
800'	MK62	Pass
800'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% *Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	59.0	*113.5%*
Night Operations			

*= days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
800'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% *Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	58.0	*111.5%*
Night Operations			

*= days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
800'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	43.0	82.7%
Night Operations			

*= days feeding reported

5.14.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 500 Feet

DEPTH	TARGET TYPE	TEST RESULTS
N/A	MK12 Attachment	N/A
N/A	MK16 Attachment	N/A
85'	MK44/MK46	Pass
400'	MK65	Pass
400'	MK75 VEM	Pass
NA	MK74 VEM	N/A
500'	MK62	Pass
475'	Sea Lion Anchor	Pass
	Ring Attachment MK52	Fail
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	58.0	*111.5%*
Night Operations			

*= days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
800'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	59.0	*113.5%*
Night Operations			

*= days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
100'	MK44/MK46	Pass
500'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
800'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER TWO FY18
01 JAN – 31 MAR 2018

MAR 2018

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

5.10 (b)(3) [redacted]

5.10.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	61.0	117.3%
Night Operations			

*= days feeding reported

4.6 MK 5 Operational Metrics

	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	450	PASS	450	PASS
MK16 Attachment	250	PASS	250	PASS
MK44/MK46	90	PASS	90	PASS
MK65	450	PASS	450	PASS
MK75 VEM	500	PASS	500	PASS
MK74 VEM	N/A	N/A	N/A	N/A
MK62	650	PASS	650	PASS
Sea Lion Anchor	700	PASS	700	PASS
Ring Attachment MK52	500	PASS	500	PASS
Shallow Low Visibility Target	50	PASS	50	PASS

4.7 MK 5 Behavior Goals **MK 5 Service Unit** **MK 5 Spares**

4.8 MK 5 Operational Summary

	Exercise Name	Exercise Location	Sea Lions Participated	*Total # Recoverable Targets	Total # Targets Recovered	% Recovered
4 Jan	MK18 UUV	SD, CA		4	4	100
5 Mar	MK18 UUV	SD, CA	(b)(3)	9	9	100
21Mar	MK18 UUV	SD, CA		5	5	100

*Total # recoverable targets laid in accordance with system specs

5.10.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 Feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Fail
500'	MK65	Pass
600'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.11 (b)(3) [redacted]

5.11.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	61.0	*117.3%*
Night Operations			

*= days feeding reported

5.11.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
500'	MK65	Pass
600'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	60.0	*115.4%*
Night Operations			

2.1.1 *= days feeding reported

Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
500'	MK65	Pass
600'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pase

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

2.2 (b)(3) [redacted]

2.2.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	55.0	*105.8%*
Night Operations			

*= days feeding reported

2.2.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 Feet

DEPTH	TARGET TYPE	TEST RESULTS
60'	MK12 Attachment	Pass
N/A	MK16 Attachment	N/A
250'	MK44/MK46	Pass
500'	MK65	Pass
400'	MK75 VEM	Pass
250'	MK74 VEM	Pass
515'	MK62	Pass
600'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Fail
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

2.3 (b)(3) [redacted]

2.3.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	61.0	*117.3%*
Night Operations			

*= days feeding reported

2.3.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
95'	MK44/MK46	Pass
500'	MK65	Pass
600'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

2.4 (b)(3) [redacted]

2.4.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	90	90	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	90	90	100.0%
Body Inspect (days)	90	90	100.0%
Open Water Training Tasks			
Total OW Days	52	61.0	117.3%
Night Operations			

*= days feeding reported

2.4.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
500'	MK65	Pass
600'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER THREE FY18
01 APR – 30 JUN 2018

JUN 2018

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics

	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	450	PASS	450	PASS
MK16 Attachment	250	PASS	250	PASS
MK44/MK46	90	PASS	90	PASS
MK65	450	PASS	450	PASS
MK75 VEM	500	PASS	500	PASS
MK74 VEM	N/A	N/A	N/A	N/A
MK62	650	PASS	650	PASS
Sea Lion Anchor	700	PASS	700	PASS
Ring Attachment MK52	500	PASS	500	PASS
Shallow Low Visibility Target	50	PASS	50	PASS

4.7 MK 5 Behavior Goals **MK 5 Service Unit** **MK 5 Spares**

4.8 MK 5 Operational Summary

	Exercise Name	Exercise Location	Sea Lions Participated	*Total # Recoverable Targets	Total # Targets Recovered	% Recovered
16 Apr	EOD UUV Range Maint	IB, CA	(b)(3)	8	8	100
8 May	Alpha Range Maint	SD, CA		5	5	100
31 May	EOD UUV Range Maint	SD, CA		8	8	100
13 Jun	Alpha Range Maint	SD, CA		2	2	100
19 Jun	EOD UUV Range Maint	SD, CA		1	1	100
27 Jun	Alpha Range Maint	SD, CA		2	2	100

*Total # recoverable targets laid in accordance with system specs

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	61.0	117.3%
Night Operations			

*= days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 Feet

DEPTH	TARGET TYPE	TEST RESULTS
600'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
95'	MK44/MK46	Pass
550'	MK65	Pass
500'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
700'	MK62	Pass
650'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	59.0	113.5%
Night Operations			

*= days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
600'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
600'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
700'	MK62	Pass
650'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	59.0	113.5%
Night Operations			

*= days feeding reported

5.14.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
600'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
650'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
700'	MK62	Pass
650'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	56.0	107.7%
Night Operations			

*= days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 600 Feet

DEPTH	TARGET TYPE	TEST RESULTS
N/A	MK12 Attachment	N/A
N/A	MK16 Attachment	N/A
90'	MK44/MK46	Pass
500'	MK65	Pass
400'	MK75 VEM	Pass
250'	MK74 VEM	Pass
500'	MK62	Pass
500'	Sea Lion Anchor	Pass
N/A	Ring Attachment MK52	N/A
60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	59.0	113.5%
Night Operations			

*= days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
95'	MK44/MK46	Pass
500'	MK65	Pass
600'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	91	91	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	91	91	100.0%
Body Inspect (days)	91	91	100.0%
Open Water Training Tasks			
Total OW Days	52	60.0	115.4%
Night Operations			

*= days feeding reported

5.17.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
500'	MK65	Pass
600'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Drive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER THREE FY18
01 JUL – 30 SEP 2018

SEP 2018

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics

	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	450	PASS	450	PASS
MK16 Attachment	250	PASS	250	PASS
MK44/MK46	90	PASS	90	PASS
MK65	450	PASS	450	PASS
MK75 VEM	500	PASS	500	PASS
MK74 VEM	N/A	N/A	N/A	N/A
MK62	650	PASS	650	PASS
Sea Lion Anchor	700	PASS	700	PASS
Ring Attachment MK52	500	PASS	500	PASS
Shallow Low Visibility Target	50	PASS	50	PASS

4.7 MK 5 Behavior Goals

MK 5 Service Unit

MK 5 Spares

4.8 MK 5 Operational Summary

	Exercise Name	Exercise Location	Sea Lions Participated	*Total # Recoverable Targets	Total # Targets Recovered	% Recovered
5 Jul	Alpha Field Range Maint.	SD, CA	(b)(3)	1	2	100
31 Jul-15 Aug	RIMPAC18	SD, CA		103	103	100
21-23 Aug	CTX-18	SCI, CA		12	12	100
6 Sep	Alpha Field Range Maint.	SD, CA		3	3	100
26 Sep	MK6 Mannequin	SD, CA		2	2	100

*Total # recoverable targets laid in accordance with system specs

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	56.0	*107.7%*
Night Operations			

*= days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 Feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
95'	MK44/MK46	Pass
600'	MK65	Pass
500'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
800'	MK62	Pass
800'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	57.0	*109.6%*
Night Operations			

*= days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
95'	MK44/MK46	Pass
600'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
800'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	59.0	*113.5%*
Night Operations			

*= days feeding reported

5.14.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 650 feet

DEPTH	TARGET TYPE	TEST RESULTS
600'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
650'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
700'	MK62	Pass
650'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	31.0	*59.6%*
Night Operations			

*= days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 525 Feet

DEPTH	TARGET TYPE	TEST RESULTS
N/A	MK12 Attachment	N/A
N/A	MK16 Attachment	N/A
	MK44/MK46	
	MK65	
400'	MK75 VEM	Pass
	MK74 VEM	
525'	MK62	Pass
400'	Sea Lion Anchor	Pass
N/A	Ring Attachment MK52	N/A
60'	Shallow Low Visibility Target	

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% *Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	60.0	*115.4%*
Night Operations			

*= days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
95'	MK44/MK46	Pass
600'	MK65	Pass
500'	MK75 VEM	Pass
250'	MK74 VEM	Pass
800'	MK62	Pass
800'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	58.0	*111.5%*
Night Operations			

*= days feeding reported

5.17.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
600'	MK65	Pass
500'	MK75 VEM	Pass
	MK74 VEM	
800'	MK62	Pass
600'	Sea Lion Anchor	Pass
500'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

GOALS AND MEASURES FOR MARINE MAMMAL SYSTEM READINESS: TRAINING METRICS

MMS READINESS TRAINING METRICS
QUARTER ONE FY19
01 OCT - 31 DEC 2018

DEC 2018

MMS Readiness Training Metrics Code 715
Space and Naval Warfare Systems Center
53560 Hull Street
San Diego CA 92152-5001

4.6 MK 5 Operational Metrics

	MK 5 Service Unit		MK 5 Spares	
	Depth	Test Results	Depth	Test Results
MK12 Attachment	450	PASS	450	PASS
MK16 Attachment	250	PASS	250	PASS
MK44/MK46	90	PASS	90	PASS
MK65	450	PASS	450	PASS
MK75 VEM	500	PASS	500	PASS
MK74 VEM	N/A	N/A	N/A	N/A
MK62	650	PASS	650	PASS
Sea Lion Anchor	700	PASS	700	PASS
Ring Attachment MK52	500	PASS	500	PASS
Shallow Low Visibility Target	50	PASS	50	PASS

4.7 MK 5 Behavior Goals

MK 5 Service Unit

MK 5 Spares

4.8 MK 5 Operational Summary

	Exercise Name	*Exercise* Location	*Sea Lions Participated*	**Total #* Recoverable Targets	*Total #* Targets Recovered	% Recovered
1-5 Oct	IB Field Range Maint.	SD, CA	(b)(3)	10	10	100
5 Dec	Alpha Field Range Maint.	SD, CA		1	1	100
10 Dec	Alpha Field Range Maint.	SD, CA		3	3	100
19-21 Dec	SLMMEX-19	SCI, CA		3	3	100
26 Dec	IB Field Range Maint.	SD, CA		7	7	100

*Total # recoverable targets laid in accordance with system specs

5.12 (b)(3) [redacted]

5.12.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% *Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	60.0	*115.4%*
Night Operations			

*= days feeding reported

5.12.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 Feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
600'	MK65	Pass
500'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass
150'	SLMM	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.13 (b)(3) [redacted]

5.13.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% *Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	60.0	*115.4%*
Night Operations			

*= days feeding reported

5.13.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
600'	MK65	Pass
500'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass
150'	SLMM	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.14 (b)(3) [redacted]

5.14.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	60.0	*115.4%*
Night Operations			

*= days feeding reported

5.14.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
600'	MK65	Pass
500'	MK75 VEM	Pass
	MK74 VEM	N/A
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass
150'	SLMM	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.15 (b)(3) [redacted]

5.15.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	55.0	*105.8%*
Night Operations			

*= days feeding reported

5.15.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 500 Feet

DEPTH	TARGET TYPE	TEST RESULTS
N/A	MK12 Attachment	N/A
N/A	MK16 Attachment	N/A
	MK44/MK46	
400'	MK65	Pass
400'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
500'	MK62	Pass
450'	Sea Lion Anchor	Pass
N/A	Ring Attachment MK52	N/A
60'	Shallow Low Visibility Target	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.16 (b)(3) [redacted]

5.16.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	% Goal (Quarter)
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	62.0	119.2%
Night Operations			

*= days feeding reported

5.16.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
600'	MK65	Pass
500'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass
150'	SLMM	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass

5.17 (b)(3) [redacted]

5.17.1 Training Metrics

Performance Metrics	Goals (Quarter)	Number Reported	*% Goal (Quarter)*
Daily Session Reporting Rate	92	92	100.0%
Pen Training Tasks			
Stationing & Gating (days)*	92	92	100.0%
Body Inspect (days)	92	92	100.0%
Open Water Training Tasks			
Total OW Days	52	62.0	*119.2%*
Night Operations			

*= days feeding reported

5.17.2 Performance Metrics

(b)(3) [redacted]

Maximum Depth Tested: 800 feet

DEPTH	TARGET TYPE	TEST RESULTS
500'	MK12 Attachment	Pass
250'	MK16 Attachment	Pass
90'	MK44/MK46	Pass
600'	MK65	Pass
500'	MK75 VEM	Pass
N/A	MK74 VEM	N/A
800'	MK62	Pass
700'	Sea Lion Anchor	Pass
600'	Ring Attachment MK52	Pass
50'	Shallow Low Visibility Target	Pass
150'	SLMM	Pass

BEHAVIOR GOALS	TEST RESULTS
Separate, Load and Dive	Pass
Non-Pingered Targets	Pass
Squeeze Cage	Pass
Recall Pinger	Pass
Voluntary Blood Stick	Pass