

1 on the other aerial photographs. On the aerial photograph of  
2 Catalina Harbor, the white dots designate additional mooring  
3 buoys over the number listed in the "Chart Guide for Catalina  
4 Island," copyright 1977. ~~the~~ Four circular white dots designate  
5 three black buoys which appear to be for scientific purposes.

6 20. On August 22, 1982, I made a visual inspection of  
7 the harbors and coves on the leeward side of Santa Catalina  
8 Island. In some of the harbors and coves, there appeared to be  
9 a significant change in the number of buoys. I did not count  
10 every visible mooring buoy on that date, but the additional moor-  
11 ing locations I saw are designated on the aerial photographs by  
12 a plain white dot (except in Catalina Harbor as explained  
13 above). I know that many of these additional buoys are attached  
14 to mooring weights which are not counted in the April Report  
15 due to a variety of factors listed in the April Report.

16 21. In comparison with my survey work done in January,  
17 April, and August of this year, there is a significant variation  
18 in the number and location of mooring buoys. The additional  
19 usage is consistent with this variation. Again, these patterns  
20 are discussed in greater detail in my reports.

21 I declare under penalty of perjury that the foregoing is  
22 true and correct and that this declaration was executed on  
23 September 30, 1982.

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\_\_\_\_\_  
JON S. HARDY

# JON HARDY

Consultant for Business, Diving and Instruction

P.O. Box 782 1201  
(213) 510-2337—Primary

314 Metropole Avenue  
Santa Catalina Island

Avalon, Ca. 90704  
Messages—(213) 510-2208

Report On A Marine Survey Conducted  
by Argo Diving Services in  
January and April 1982  
at Santa Catalina Island

At the request of Trans Pacific Industries doing business as the Catalina Marine Services Corporation, Argo Diving Services conducted a marine survey both above and below the water in the coves and harbors of Santa Catalina Island. The survey was to determine the number of installed mooring buoys and the number of mooring weights.

All mooring areas reported to exist outside of the City of Avalon were surveyed. The Chart Guide lists 708 moorings in these areas. The above water survey found 800 mooring buoys in place. This is 13% more moorings than are listed. During the underwater survey 79 more mooring weights were found that did not have mooring buoys on the surface. This is a total of 879 possible moorings which is 24% more than the number of moorings listed. The actual number of possible mooring weights and therefore moorings available will exceed this total as detailed in the report.

This report is certified to be true and correct. April 12, 1982.

Jon Hardy  
Argo Diving Services  
P.O. Box 1201  
Avalon, CA 90704  
(213) 510-2208

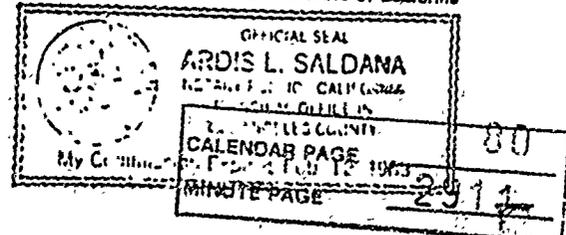
*Jon Hardy*

Subscribed and sworn to before me this

12 day of April 1982

*Ardis L. Saldana*

NOTARY PUBLIC in and for the State of California



Mooring Count Conducted by Argo Diving Services

January and April 1982

<u>Area Name/Mooring Use</u>	<u>Chart Guide</u>	<u>Buoys</u>	<u>Weights</u>
* <u>Gallagher's Beach</u>			
Uplands leasee (several small floats)	0	6	6
* <u>Toyon Bay</u>			
Uplands leasee (several small floats)	9	8	14
<u>Willow Cove</u>	0	0	Unknown
* <u>Moonstone</u>			
Private	34	39	45
USCG	0	1	1
* <u>White's Landing</u>			
Private	17	17	18
Uplands leasee	0	2	6
* <u>Hen Rock Cove</u>			
Private	25	24	28
* <u>Buttonshell Beach (Camp Fox)</u>			
Private	7	8	10
Uplands leasee	0	1	7
<u>Goat Harbor</u>	0	0	Unknown
<u>Cabrillo Beach</u>			
(2 mooring buoys stored on beach)	0	0	Unknown
<u>Ripper's Cove</u>	0	0	Unknown
<u>Empire Landing</u>			
Private	2	3	3
Uplands leasee (for barges)	0	4	4

<u>Area Name/Mooring Use</u>	<u>Chart Guide</u>	<u>Buoys</u>	<u>Weights</u>
<u>Big Fisherman Cove (USC)</u> Uplands leasee (several small floats)	5	29	29
* <u>Isthmus Cove</u> Private (many small floats)	239	235	241
* <u>Fourth of July Cove</u> Private (one small float)	42	43	46
* <u>Cherry Cove</u> Private (several small floats)	102	104	117
Uplands leasee	---	4	?
USCG	---	1	1
* <u>Little Geiger Cove</u> Private	1	1	2
<u>Big Geiger Cove</u>	0	0	Unknown
<u>Howland Landing</u> Private (several small floats)	39	43	55
Upland leasee (one small float)	---	5	8
* <u>Emerald Cove/Sandy Beach</u> Private (one small float)	97	99	105
Uplands leasee (several small floats)	---	6	9
<u>Parsons Landing</u>	2	0	Unknown
<u>Catalina Harbor</u> Private (several small floats)	85	112	112- <i>...</i>
<u>Little Harbor</u>	0	0	Unknown
<u>Pebble Beach Power Plant</u> Uplands leasee (for barges)	0	1	1
<u>Rock Quarry</u> Uplands leasee (for barges)	2	4	4

<u>Totals</u>	<u>Chart Guide</u>	<u>Buoys</u>	<u>Weights</u>
Private	692	728	782
Uplands leasee	16	70	95
USCG	0	2	2
	<u>708</u>	<u>800</u>	<u>879</u>
Percentage of difference for the Chart Guide	---	+13%	+24%

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Notes on the Mooring Count

- \* Mooring use was determined by designation on the mooring buoy, mooring position, mooring type, or previous observed use. It is possible that some moorings, listed as used privately or as used by the Upland leasee, may actually be used by the other party, but this would not effect the total count. At the Isthmus Cove and Catalina Harbor no attempt was made to designate moorings by use as the Uplands leasee and the provider of moorings is the same party - the Cove and Camp Agency.
- \* The Chart Guide listings were taken from the "Chart Guide for Catalina Island" copyright 1977 and based on information from the Catalina Cove and Camp Agency dated 1977. These listings have not been updated in subsequent editions.
- \* The column listing for mooring buoys includes moorings with a surface marker, usually a mooring can, but sometimes a small float. Where small floats were counted, it is noted in the mooring use column. At Buttonshell Beach (Camp Fox) many small floats were attached by cables between four mooring weights. As these floats were not used to mark individual mooring weights, they were not counted.
- \* Weights are all those objects that were in a position and of adequate size to be used as mooring weights. Of those not equipped with a mooring buoy, most had obvious attachment points and/or chain attached.
- \* It was possible to survey twelve of the twenty-four listed areas from

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underwater. These are marked with an asterisk (\*). In the other twelve areas the number of mooring weights are listed as either Unknown (if no mooring buoys existed) or as the same number as the number of mooring buoys counted.

\* A few of the floats at Big Fisherman Cove and Catalina Harbor appeared to be in use for scientific projects rather than as boat moorings.

## Survey Methodology

From a boat, mooring buoys (including small floats used to mark weights with no buoys) were visually counted. With the use of scuba diving equipment and an underwater tow sled (pulled by a boat) or by swimming compass courses, mooring weights were visually counted by divers.

A total of 63 dives were made by four divers in thirteen different areas.

Care was taken not to count stern weights when counting inboard rows of moorings. Some large moorings have a submerged float on the stern chain. These were counted as part of the one mooring where they were attached. When two or more weights were chained together for one mooring, they were counted only as one weight.

Underwater survey operations were conducted in those coves where mooring buoys were installed for use by private boats or by the Uplands leasee and the water visibility was adequate to see the mooring weights and the weights were in less than 60 feet of water and the moorings were part of the mooring areas in question.

Difficulties and limitations placed on the extent of underwater survey included:

- \* Availability of boats
- \* Availability of divers
- \* Boat run time needed to reach mooring areas

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- \* Other work commitments of Argo Diving Services
- \* Weather conditions
- \* Sea Conditions
- \* Water visibility
- \* Kelp covering large areas of the bottom
- \* Extreme water depths (over 60 feet)
- \* Interference by the Cove and Camp Agency

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## Underwater Photography

Underwater photographs were taken at:

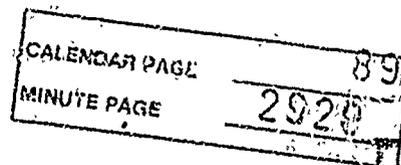
- \* Fourth of July Cove at or near mooring D-1 in the southeast corner of the cove showing:
  1. A complete mooring in use - #D-1
  2. A submerged mooring float for a stern chain that was not attached to a mooring buoy.
  3. A mooring weight with no mooring buoy attached.
- \* Moonstone at or near mooring B-16 in the southwest side of the cove showing:
  1. A complete mooring in use.
  2. A complete mooring with a submerged mooring float for a stern chain that was attached to a mooring buoy.

Photographs are labeled with location, mooring number and notes to direct attention to key features.

### Variations in the Mooring Count

This report indicates a significant difference between the number of mooring buoys listed, the number of moorings installed and the number of mooring weights. The number of mooring weights counted in the areas surveyed can be considered the absolute minimum number of mooring weights available as some weights can be expected to be

- \* Covered by the large leafed, brown algae covering the bottom in some mooring areas.
- \* Buried under the bottom; some weights attached to buoys were buried as evidence of this.
- \* So far out of position as to be missed; some weights attached to buoys were completely out of line as evidence of this.
- \* In water greater than 60 feet; dives were made up to 60 feet but other weights could be in deeper water with no mooring buoys attached; as evidence of this weights with buoys attached for larger boats were found in deeper water.
- \* In water so shallow as to not be observed due to limited water visibility and the minimum depth needed for safe boat operation; as evidence of this, mooring weights were attached to floats and found in less than five feet of water.
- \* In areas that have not been regularly used for moorings; it was not practical to check these areas from underwater, as it would have been far too long a search with no surface



buoys marking the area.

- \* Removed for servicing or repositioning.
- \* Not visible due to limited visibility; as evidence of this, Catalina Harbor with 27 more buoys than listed had water visibility of 0 - 5 feet in the mooring area.
- \* Not rigged with a surface float. There are moorings in use with no apparent surface markers. These may be picked up from a line to a pier or a float; or from a line to another mooring; or semipermanently used so no float is needed or simply hooked up from underwater.
- \* Additional evidence on the existence of more mooring weights was that certain weights known to the divers could not be found.

A few weights not attached to the surface may be the stern weights of moorings where the spreader line had been cut.

As overall evidence of the difficulty of finding mooring weights without buoys or floats attached was the southeast side of the Isthmus Cove. Here visibility was sometimes poor. The large brown algae covered much of the bottom. Mooring buoys were out of position with gaps and sudden changes in the numbering sequence and some moorings were in extremely shallow water.

It is to be expected that any two persons or companies who would count the mooring buoys and weights would have somewhat different counts

due to:

- \* Human inaccuracies
- \* Buoys being removed for servicing
- \* Buoys having been lost or sunk due to storms or lack of maintenance
- \* Value judgments as to what is a mooring buoy or weight
- \* Time when the count was conducted
- \* Some mooring cans are only in place during the summer.

As evidence of this difficulty in counting, the surface count at the Isthmus Cove was done twice, three days apart, with different results each time. The mooring service boat was at work during both of these days.

Based on this survey covering the 24 areas outside of the City of Avalon where moorings might be expected to exist:

- \* The Chart Guide lists 708 moorings
- \* The actual count was 800 buoys or 13% more buoys than listed
- \* The actual count of the absolute minimum number of mooring weights was 879 or 24% more possible moorings than listed.

### Other Findings and Observations

- \* Some mooring buoys could reasonably be expected to be removed for servicing although the normal procedure appears to be an immediate exchange of buoys and tackle when serviced.
- \* Camps often remove floats, mooring buoys and swim area lines during the winter.
- \* Mooring weights and chains have become artificial reefs providing habitats for marine life that would not otherwise be found on an open sand or silt bottom.
- \* It is possible that some weights that were observed in this survey had been lost or abandoned in the past.
- \* Mooring weights often become buried in the bottom or cause a dip in the botto
- \* A limited amount of cable, chain, line and mooring buoys were found on the bottom.
- \* In the immediate area of some mooring weights, small boats, tires, refrigerators, wood and trash were found.
- \* Mooring weights included concrete blocks, train wheels, gear wheels, large anchors, car or truck bodies, barrels filled with cement, engines and rocks.
- \* Most weights with no buoys attached did have chain attached.
- \* Included among the marine life observed on the bottom around the mooring weights were: nudibranchs, squid eggs, sea cucumbers, turbin snails, thornback rays, shovelnose guitar fish, horn sharks,

bat rays, angel sharks, sole, turbot and halibut. Free swimming around the weights and chains were: kelp bass, sargo, opaleye, halfmoon, garibaldi, blacksmith, barracuda, sheephead, senorita and rock wrasse. A long brown algae was growing from many of the mooring weights and chains that were laying on the bottom. Vertical chains had many invertebrates, particularly bivalves growing on them. A large leafed brown algae covered the bottom in some mooring areas.

- \* Significant maintenance is needed on many of the moorings. On the other hand, many moorings were in excellent condition.
- \* Many of the Uplands leasee mooring weights are used for swimming floats/lines or pier floats during the summer.
- \* A significant amount of skin diving, boating, and fishing equipment was observed around the moorings on the bottom.
- \* Big Fisherman Cove appears to have private boats using the moorings.
- \* Most moorings at Catalina Island have separate bow and stern weights. It would be possible, and may actually now be in practice, that moorings could be rigged with only a bow weight, letting the boat swing on the mooring or the number of moorings increased by using the stern weights of outboard rows as the bow weights for inboard rows.
- \* The small floats (with only a pick up whip and no mooring buoy) were checked underwater and found to have complete rigging with bow and stern lines, a spreader, chains and mooring weights. These

- moorings have no name or number designation on them.
- \* There are some mooring weights with floats or buoys attached where the buoys do not reach the surface. These appeared to be moorings that were meant to be in use, but that were in need of servicing. The floats/buoys were damaged or out of position in water so deep as to not be able to reach the surface.
- \* Six U.S. Coast Guard navigational buoys were observed but not counted in the survey.

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Information Concerning Interference by the Catalina Cove and Camp Agency

On two days of the part of the survey conducted in April, the Catalina Cove and Camp Agency, Harbor Patrol, interfered with the survey operations. This interference was done directly six times and indirectly on a continuing basis.

During each of the direct interferences, we were stopped and told we could not conduct a survey. Among the various reasons repeatedly stated or the consequences that were threatened are:

- \* You can not dive on private property.
- \* You must have permission from the Santa Catalina Island Company.
- \* You must have permission from the Cove and Camp Agency.
- \* You must have permission from the Conservancy.
- \* It is unsafe to dive in the Isthmus Cove.
- \* We might be cutting or otherwise damaging the moorings.
- \* We were harrassing the pleasure boaters.
- \* There were too many boats in the harbor.
- \* That they would get the Sheriff and have us removed.
- \* That we were violating the rights of the pleasure boaters by taking surface photographs of the moorings in the cove.
- \* That we were operating boats in an unsafe manner.

On one occasion while two of the crew were counting mooring buoys on the surface from a small inflatable boat, a Harbor Patrol cut the inflatable off and collided with it as alleged evidence of our unsafe boat operation. In addition to the direct confrontations, as

many as four different Harbor Patrol boats kept us under observation or drove close by while we were working.

Our actions and related events included:

- \* We continued diving and operating the boats in a safe and careful manner to complete the survey.
- \* We repeatedly and politely said we appreciated and understood their concern, but we had a job to do and were going to do it.
- \* We repeatedly and politely suggested they get the Sheriff as we were going to continue the survey. They never did get the Sheriff.
- \* We repeatedly and politely refused to get permission from any alleged higher authority and pointed out that there were no laws governing our operations.
- \* We politely stated who we were, what we were doing and who we were working for.
- \* We used the small inflatable boat for surface counting and diving whenever we were in close to other boats.
- \* We photographed the southeast side of the Isthmus Cove where most of the diving took place to show the almost total absence of boats.
- \* We observed and photographed four other dive groups who were diving in the cove without being stopped and who were wandering all over the cove with little or no control.
- \* We dove one diver at a time with our two boats staying overhead both displaying "diver down" flags. Divers made all ascents

- up mooring lines or tow lines.
- \* We stopped at one time and towed a small boat that had broken down with a teenager in it. The several Harbor Patrol boats were all preoccupied.
  - \* The Kingfisher of the Catalina Mooring Service was also working in the harbor on the moorings while we were conducting the survey.
  - \* We photographed the Harbor Master and his patrol boat that did most of the harrassing and collided with our boat.
  - \* On the occasion of the collision, after the Harbor Master accused us of unsafe boat operation, I immediately and directly put the responsibility on him for purposefully running his boat in the way of our boat in a restricted area and creating the collision. No damage or injuries occurred due to the collision. He dropped the issue and went back to some of the other reasons why we should not be doing the survey. This event occurred about 3/4 of the way through that workday.

APPENDIX "F"

DIVING NOTES PREPARED BY DOUG BOMBARD ENTERPRISES  
REGARDING DIVES FROM OCTOBER 12 THROUGH  
OCTOBER 22, 1982, ON LEASE PREMISES AT  
SANTA CATALINA ISLAND

DIVING SLIPS KEY

(Leased Area Only)

MS	Moonstone Cove
WL	White's Landing
HR	Hen Rock
BS	Button Shell
ISTH	Isthmus
4th	Fourth of July Cove
CC	Cherry Cove
C/T.HRB.	Catalina Harbor

Cove MS Weight ID# 1

Type weight 4" Metal Bar size 1"

Condition Black in sand - nothing else apparent

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info \_\_\_\_\_

30' Mike L & Don

Information Sheet - Abandoned weights

Cove MS Weight ID# 2

Type weight Sunken Aluminum Can size 6

Condition rusted

Feet chain \_\_\_\_\_ Condition Bad

Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. UNK 2-3 YRS

Other info \_\_\_\_\_

55' Mike & Don

Information Sheet - Abandoned weights

Cove MS Weight ID# 3

Type weight Anchor size 75 LB NORTH HILL

Condition Old but maybe usable

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater bouy Yes \_\_\_\_\_ No

Previously attached to \_\_\_\_\_

When abandoned Est. UNK

Other info \_\_\_\_\_

60' Mike L & Don

BACK OF #2 (MS)

#1. 4' metal bar stuck in sand  
nothing else apparent

3. Mike L. Losh

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Cove MS Weight ID# 4

Type weight Naoy Can size L6

Condition Complete rusted thru

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info. \_\_\_\_\_

60' Mike L & Don

Information Sheet - abandoned weights

Cove MS Weight ID# 5

Type weight Freezer Big size 4x4x10

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater bouy Yes \_\_\_\_\_ No

Previously attached to \_\_\_\_\_

When abandoned est. long time NO MOORING

Other info. \_\_\_\_\_

60' Mike L & Don

Information Sheet - Abandoned weights

Cove MS Weight ID# 6

Type weight 2 wheels size 700 to 800 LB each

Condition usable

Feet chain None apparent Condition \_\_\_\_\_

Underwater bouy Yes \_\_\_\_\_ No ✓

Previously attached to Stern C-6

When abandoned est. 5 to 7 yrs at least BRKEN TOP

Other info. \_\_\_\_\_

50' Mike L & Don

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BACK OF #5 (MS)

# 8<sup>#</sup> 9 MS

2000 LB concrete

50' chain

Holds float for Dick

10-15' Mike L. & Don

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BACK #6 (MS)

8 found nothing - might assume it was detached stem of mooring B-0 which was further in last winter

8-10' Mike L & Don

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Weight ID# 1

Type weight Moving Cam Size 1' Dia 4' long  
Condition Rusted - No use N/O  
Feet chain \_\_\_\_\_ Condition \_\_\_\_\_  
Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_  
Previously attached to \_\_\_\_\_  
When abandoned Est. LONG TIME  
Other info. \_\_\_\_\_

55' Mike L

Information Sheet - Abandoned weights

Cove MS Weight ID# 8

Type weight \_\_\_\_\_ Size \_\_\_\_\_  
Condition \_\_\_\_\_  
Feet chain \_\_\_\_\_ Condition \_\_\_\_\_  
Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_  
Previously attached to \_\_\_\_\_  
When abandoned est. \_\_\_\_\_

Other info Found nothing - might assume it was  
detached stern of B-C which was further in last  
winter  
5-15-75 Mike L & Don

Information Sheet - Abandoned weights

Cove MS Weight ID# 9

Type weight Concrete Size 2000 LB  
Condition Good  
Feet chain 50' Condition Good  
Underwater Bouy Yes \_\_\_\_\_ No   
Previously attached to attached to this pier float  
When abandoned est. \_\_\_\_\_  
Other info \_\_\_\_\_

8-10' Mike L & Don

Information Sheet - Abandoned weights

Cove M5 Weight ID# 10

Type weight Concrete size 2000 LB

Condition Good

Feet chain 50' Condition Good

Underwater Bouy Yes  No

Previously attached to Attached to M15 Pier float

When abandoned est. \_\_\_\_\_

Other info \_\_\_\_\_

8-10' M1K's L of Don

Information Sheet - Abandoned weights

Cove WL Weight ID# 1

Type weight Sac wheel size 500-700 LBS

Condition Good Condition Good

Feet chain 15'-20'

Underwater buoy Yes NO

Previously attached to Attached to BYC Diving mooring

When abandoned est. In use

Other info. \_\_\_\_\_

10' M.K.L f Don

Information Sheet - Abandoned weights

Cove WL Weight ID# 2

Type weight Pile of chain size \_\_\_\_\_

Condition Old Discarded

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater buoy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info \_\_\_\_\_

85' cur +

Information Sheet - Abandoned weights

Cove LR Weight ID# 1

Type weight Pile of Chain Size \_\_\_\_\_

Condition Old Discarded

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater buoy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. 5 + 723

Other info Much growth

35-40' cut Craig

Information Sheet - Abandoned weights

Cove LR Weight ID# 2

Type weight Pile of Chain Size \_\_\_\_\_

Condition Old Discarded

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater buoy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned Est. 5 + 723

Other info. Much growth

35-40' cut

Information Sheet - Abandoned weights

Cove LR Weight ID# 3

Type weight Pile of Chain Size \_\_\_\_\_

Condition Old Discarded

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater buoy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. low time

Other info. Much growth

35-40' cut

Information Sheet - Abandoned weights

Cove HA Weight ID# 4

Type weight Pile of Chain size

Condition Old discarded

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned Est. 5 yrs plus

Other info. Mussel growth

35 - 40' cont

Cove B-5 Weight ID# 1

Type weight Car wheel size 750 LB

Condition fair

Feet chain 3 links Condition poor

Underwater Bouy Yes  No

Previously attached to B-5

When abandoned est. link 3-5 yrs

Other info \_\_\_\_\_

55' Mike L Don

Information Sheet - Abandoned weights

Cove B5 Weig. ID# 14

Type weight 4-55 Gal Drums size \_\_\_\_\_

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes  No

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info wood pieces of old boat

75' Mike L Don

Information Sheet - Abandoned weights

Cove B5 Weight ID# 2

Type weight 2 - Cement Blocks size 20 LB each

Condition OK

Feet chain None Condition \_\_\_\_\_

Underwater Bouy Yes  No

Previously attached to \_\_\_\_\_

When abandoned est. moor location 3 yrs ago

Other info \_\_\_\_\_

10-15' Mike L - Don

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Cove ISTH Weight ID# 1

Type weight Concrete size 2000 LB

Condition Good

Feet chain Unknown Buried Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to Stern M-4

When abandoned Est. UNK

Other info. Old steel bouy on bottom also

Depth 45-50' mark & Mike L

Information Sheet - Abandoned weights

Cove ISTH Weight ID# 2

Type weight Concrete size 2000 LB

Condition Good

Feet chain Buried Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to Stern M-5 or 6

When abandoned Est. Unknown

Other info. \_\_\_\_\_

45-50' mark & Mike L

Information Sheet - Abandoned Weights

Cove ISTH Weight ID# 3

Type weight Concrete size 2000 LB

Condition Good

Feet chain Buried Short piece of ply pro hauser showing

Underwater bouy Yes \_\_\_\_\_ No

Previously attached to Bow of M-8

When abandoned est. UNK

Other info \_\_\_\_\_

30' mark & Mike L

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Information Sheet - Abandoned Weights

Cove 15th Weight ID# 4

Type weight Concrete size 200-300 LB

Condition OK

Feet chain None

Underwater Bouy Yes  No

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info Appears to be of type used by USCG for underwater projects, experiments. 25-30' mark & Mike L

Information Sheet - Abandoned Weights

Cove 2 Weight ID# 5

Type weight pile of chain size 3/4" - 1/2"

Condition All used abandoned

Feet chain \_\_\_\_\_

Underwater Bouy Yes  No

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info \_\_\_\_\_

20' mark & Mike L.

Information Sheet - Abandoned Weights

Cove 15th Weight ID# 6

Type weight Concrete size 2000 LB

Condition Fair

Feet chain 12' Poor and broken

Underwater Bouy Yes  No

Previously attached to Stern 0-13

When abandoned est. 3-5 yrs

Other info \_\_\_\_\_

45' Dave & Mike Vallin

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MINUTE PAGE 2945

Cove 4<sup>th</sup> Weight ID# 1

Type weight Anchor Size 25-35 LB  
Condition OK  
Feet chain 40' Condition Fair  
Underwater buoy Yes      No ✓  
Previously attached to 1/2<sup>nd</sup> Cove float  
When abandoned est. Still in use  
Other info     

Information Sheet - Abandoned weights

Cove 4<sup>th</sup> Weight ID# 2

Type weight Anchor Size 25-35 LB  
Condition OK  
Feet chain 35' Condition Fair  
Underwater buoy Yes      No ✓  
Previously attached to 1/2<sup>nd</sup> Cove float  
When abandoned est. Still in use  
Other info.     

Information Sheet - Abandoned weights

Cove 4<sup>th</sup> Weight ID# 3

Type weight 2-Pkts Chain Size       
Condition Used Junk  
Feet chain UNK Condition Poor  
Underwater buoy Yes      No ✓  
Previously attached to Nothing  
When abandoned est. Old  
Other info looks like chain removed from mooring no longer

85' usable  
Mark cable - Mike Vallen

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MINUTE 29

Cove Cherry Cove Weight ID# 1

Type weight Chain Size \_\_\_\_\_  
Condition Usable  
Feet chain 8' 2" stud link chain Condition \_\_\_\_\_  
Underwater buoy Yes \_\_\_\_\_ No \_\_\_\_\_  
Previously attached to Skiff mooring one of ours  
When abandoned Est. Unknown  
Other info. \_\_\_\_\_

8-10' Dave & Mike

Information Sheet - Abandoned weights

Cove Cherry Cove Weight ID# 2

Type weight Old can Size \_\_\_\_\_  
Condition N/E  
Feet chain N/O Condition \_\_\_\_\_  
Underwater buoy Yes \_\_\_\_\_ No   
Previously attached to UNIC  
When abandoned Est. UNIC  
Other info. old metal mooring CAN

15-20' Dave & Mike

Information Sheet - Abandoned weights

Cove Cherry Cove Weight ID# 3

Type weight concrete size 10,000 lbs.  
Condition Too big to lift  
Feet chain 5' 1" stud link Condition no good  
Underwater buoy Yes \_\_\_\_\_ No   
Previously attached to \_\_\_\_\_  
When abandoned Est. Missing Days  
Other info. \_\_\_\_\_

25-30' Dave & Mike

Cove Cherry Cove Weight ID# 4

Type weight 3 RXR wheels Size 750 lbs. each

Condition FAIR

Feet chain 3' 3/4" Condition NO good

Underwater buoy Yes        No ✓

Previously attached to C-17 stern

When abandoned est. 1975'

Other info. BROKEN WRAP

30-35' Dave & Mike

Information Sheet - Abandoned weights

Cove CC Weight ID# 5

Type weight loose Chain Size       

Condition Very Poor

Feet chain        Condition       

Underwater buoy Yes        No ✓

Previously attached to MARK

When abandoned est. MARK

Other info disappears under rock

8-10' Dave & Mike

Information Sheet - Abandoned Weights

Cove CC Weight ID# 6

Type weight Broken Gear 1/2 size 100 LBS

Condition N/O

Feet chain NONE

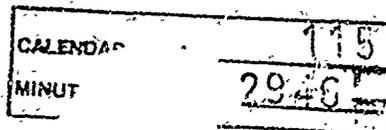
Underwater buoy Yes        No ✓

Previously attached to C-17

When abandoned est. MARK

Other info       

8-10' Dave & Mike



Cove \_\_\_\_\_ Weight ID# 7

Type weight Concrete Size 2000

Condition Good

Feet chain 60' Condition Fair

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to Stern C-18

When abandoned est. 3 to 4 yrs

Other info Household

70' Dave & Mike

Information Sheet - Abandoned Weights

Cove CC Weight ID# 8

Type weight 2 bars wavel size 2000 LB

Condition OK but not acceptable as weight / WG

Feet chain Poor "Broken"

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to long ago abandoned

When abandoned est. \_\_\_\_\_

Other info Not the type weight we might use Did not tag

70' Dave & Mike

Information Sheet - Abandoned weights

Cove CC Weight ID# 9

Type weight Concrete Size 2 - 2000 LB

Condition Good

Feet chain 100' Condition Fair

Underwater Bouy Yes  No \_\_\_\_\_

Previously attached to D-16 Solar Wind

When abandoned est. Broken loose / unknown fall '81 located 100' East

Other info and North - lost during storm

85' Dave and Mike L - over

BACK OF CC9

Located on 10/13 tagged into hauler with tag line  
and tied off to bottom of Solar Wind  
bouy for later retrieval.

RB

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Cove CC Weight ID# 10

Type weight Steel Ring Size 1900

Condition OK

Feet chain Unknown Condition Unusable very poor

Underwater buoy Yes  No

Previously attached to C-18 or 19 Steam

When abandoned est. 10-12 yrs ago

Other info Weight may be usable attached to wrap broken

could be rigged  
70' Dave & Mike L

Information Sheet - Abandoned Weights

Cove CC Weight ID# 11

Type weight Concrete Size 2000

Condition OK

Feet chain unk - very poor

Underwater buoy Yes  No  but old rusted steel type

Previously attached to Probably C-20 crumblers

When abandoned est. 5-7 yrs

Other info \_\_\_\_\_

70' Dave & Mike

Information Sheet - Abandoned weights

Cove CC Weight ID# 12

Type weight 3 car wheels size 500 ea

Condition OK

Feet chain 40 Condition Fair

Underwater buoy Yes  No

Previously attached to B-19

When abandoned est. but during summer reattached during spring

Other info Saw sand pile of old chain also

rigging

35-40' Dave & Mike L

Information Sheet - Abandoned weights

Cove CC Weight ID# 13

Type weight Concrete Size 2000

Condition Good

Feet chain 60' Condition Good

Underwater Bouy Yes X No       

Previously attached to B-20 stern cat winter storm reattach

When abandoned Est. Still in a s-e spring 1991

Other info. another pile of chain to east old no good

40-45' Dave & Mike L

Information Sheet - Abandoned weights

Cove 4th Cherry Point Weight ID# 14

Type weight Unable to locate size       

Condition       

Feet chain        Condition       

Underwater Bouy Yes        No       

Previously attached to       

When abandoned Est.       

Other info. Many rocks in area

10-15' Dave & Mike LeVae

Cove Little Geiger Weight 100 lbs 1

Type weight Tide & rock Size \_\_\_\_\_

Condition \_\_\_\_\_

Fast chain NONE Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to \_\_\_\_\_

When abandoned Est. \_\_\_\_\_

Other info. No weight located

MIKE L. & DAVID L. 8' to 40' searched

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Information Sheet - Abandoned Weights

Cove Howlands Weight ID# 1

Type weight concrete size 40 lbs

Condition good stiff mooring weight

Feet chain 3/4 1'

Underwater Bouy Yes  No

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info Run's cable from #1 to #2

DAVE L. & MIKE L. 5 to 8' Depth

Information Sheet - Abandoned Weights

Cove Howlands Weight ID# 2

Type weight concrete size 40 lbs

Condition good stiff mooring weight

Feet chain 3/4 1'

Underwater Bouy Yes  No

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info Runs cable to #1

DAVE L. & MIKE L. 5 to 8' Depth

Information Sheet - Abandoned weights

Cove Howlands Weight ID# 3

Type weight ROcks size \_\_\_\_\_

Condition good stiff mooring

Feet chain 3/4 cat around rocks Condition \_\_\_\_\_

Underwater bouy Yes  No

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info used for dingy

DAVE L. & MIKE L. 5 to 8' Depth

Information Sheet - Abandoned weights

Cove Howlands weight ID# 4

Type weight wheel Size 1800

Condition OK

Feet chain None apparent Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to \_\_\_\_\_

When abandoned est. 8 years or more

Other info \_\_\_\_\_

DAVE L. & Mike L. 50' Depth

Information Sheet - Abandoned weights

Cove Howlands weight ID# 5

Type weight wheel Size 1800

Condition OK

Feet chain None apparent Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to \_\_\_\_\_

When abandoned est. 8 years or more

Other info \_\_\_\_\_

DAVE L. & Mike L. 50' Depth

Information Sheet - Abandoned weights

Cove Howlands weight ID# 6

Type weight wheel Size 1500

Condition OK

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to \_\_\_\_\_

When abandoned est. 8 years or more

Other info wheel with shaft or axle - NO good attach

DAVE L. & Mike L. Point 55' Depth

Cove Howlands Weight ID# 7

Type weight \_\_\_\_\_ Size \_\_\_\_\_

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info Nothing apparent may be stern of B-6

DAVE L. & MIKE L. 15' to 20'

Information Sheet - Abandoned weights

Cove Howlands Weight ID# 8

Type weight \_\_\_\_\_ Size \_\_\_\_\_

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info Nothing apparent may be stern of B-7

DAVE L. & MIKE L. 15' to 20' Depth

Information Sheet - Abandoned weights

Cove Howlands Weight ID# 9

Type weight Concrete Size 1800

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info CAMP weight attached to summer docks

15' to 20' Depth Dave L. & MIKE L.

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Cove Howlands Weight ID# 10

Type weight concrete Size 2000

Condition good

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info Bow of A-5 No Bouy this winter

DAVE L. & MIKE L. 20' to 25' water

Information Sheet - Abandoned weights

Cove Howlands Weight ID# 11

Type weight concrete Size 2000

Condition good

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to \_\_\_\_\_

When abandoned Est. \_\_\_\_\_

Other info. stern of A-5 marking not hooked up this winter

DAVE L. & MIKE L. 15' to 20' depth

Information Sheet - Abandoned weights

Cove Howlands Weight ID# 12

Type weight OVEN Size \_\_\_\_\_

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned Est. \_\_\_\_\_

Other info. Not used as weight - debris

MIKE L. & DAVE L. 15' to 20' depth

Cove Emerald Bay Weight ID# 1

Type weight Anchor Size 150 Lbs

Condition Good

Feet chain \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to Boy scout dock

When abandoned est. \_\_\_\_\_

Other info \_\_\_\_\_

Don L + Mike L. Depth 7' to 12'

Information Sheet - Abandoned Weights

Cove Emerald Bay Weight ID# 2

Type weight GCASS (ELL) Size 6' by 4'

Condition \_\_\_\_\_

Feet chain NONE

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info NO weight or chain

Don L + Mike L. Depth 12' to 15'

Information Sheet - Abandoned Weights

Cove Emerald Bay Weight ID# 3

Type weight 1/2 barrel Anchor Size 100 lbs

Condition NO good

Feet chain 9" 1/4" chain

Underwater Bouy Yes \_\_\_\_\_ No

Previously attached to ?

When abandoned est. \_\_\_\_\_

Other info Old dumpy weight attach point gone unusable

Don L + Mike L. Depth 8 to 12'

Cove Emerald Bay Weight ID# 4

Type weight NONE Size \_\_\_\_\_

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info Rocks in that area

PAVE L. & MIKE L. 2 to 20' Searched

Information Sheet - Abandoned Weights

Cove Emerald Bay Weight ID# 5

Type weight \_\_\_\_\_ Size \_\_\_\_\_

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info 5' length of worn out chain

PAVE L. & MIKE L. Depth 20' to 25'

Information Sheet - Abandoned Weights

Cove Emerald Bay Weight ID# 6

Type weight \_\_\_\_\_ Size \_\_\_\_\_

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_

Underwater bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info 3-7' piece of worn out chain and weight

PAVE L. & MIKE L. Depth 20' to 25'

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Cove CAT Harb. Weight ID# # 1

Type weight NOVR Size \_\_\_\_\_

Condition \_\_\_\_\_

Feet chain NOVR Condition NO good

Underwater Bouy Yes \_\_\_\_\_ No X

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info 7' x 4' Fiberglass object  
NO VALVE

DAVE L. 6-10' Depth

Information Sheet - Abandoned weights

Cove CAT Harb. Weight ID# 2

Type weight NOVR Size \_\_\_\_\_

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No X

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info MISC. JUNK NO weight or chain

DAVE L. 7-10' Depth

Information Sheet - Abandoned weights

Cove CAT Harb. Weight ID# # 3

Type weight concrete Size 2500 lbs

Condition good

Feet chain 12' Condition good

Underwater Bouy Yes \_\_\_\_\_ No X

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info 3 float attached to small line  
Sailed buoy tied to it.

DAVE L. 8-10' Depth

Cove CAT. H&B. Weight ID# # 4

Type weight concrete Size 2000

Condition good

Feet chain 25' Condition good

Underwater Bouy Yes  No

Previously attached to Is attached to stern <sup>mooring</sup> # C-3

When abandoned est. \_\_\_\_\_

Other info SURFACE Bouy attached. This is

a stern bouy over wreck

DAUR L. 10-15' Depth

Information Sheet - Abandoned weights

Cove CAT. H&B. Weight ID# # 5

Type weight concrete Size 2000

Condition good

Feet chain 25' Condition good

Underwater Bouy Yes  No

Previously attached to Presently attached to stern <sup>mooring</sup> # C-3

When abandoned est. \_\_\_\_\_

Other info SURFACE Bouy attached. This is

a stern bouy over the wreck

DAUR L. 12-20' Depth

Information Sheet - Abandoned weights

Cove CAT. H&B. Weight ID# # 6

Type weight concrete Size 2000

Condition good

Feet chain 25' to 30' Condition good

Underwater Bouy Yes  No

Previously attached to Presently attached to stern <sup>mooring</sup> of # B-3

When abandoned est. \_\_\_\_\_

Other info SURFACE Bouy attached. This is a

stern bouy over the wreck

DAUR L. 15-20' Depth

Cove CAT HRB. Weight ID# # 7

Type weight \_\_\_\_\_ Size \_\_\_\_\_

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info Found nothing possible wreck pieces  
12 to 15' depth DIVE L.

Information Sheet - Abandoned weights

Cove CAT HRB. Weight ID# # 8

Type weight \_\_\_\_\_ Size \_\_\_\_\_

Condition \_\_\_\_\_

Feet chain \_\_\_\_\_ Condition \_\_\_\_\_

Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info Found nothing pieces of wreck  
12 to 15' depth DIVE L.

Information Sheet - Abandoned weights

Cove CAT HRB. Weight ID# # 9

Type weight 124 lb. depth hook Size 2 000 lbs.

Condition good

Feet chain 9' Condition good 1. link

Underwater Bouy Yes \_\_\_\_\_ No X

Previously attached to \_\_\_\_\_

When abandoned est. \_\_\_\_\_

Other info D. SPAC. receiving. was rigged with  
50' 14' by the line. This has been cut off.  
DIVE L. 20 to 25' depth

Information Sheet - Abandoned Weights

Cove CAT harbor Weight ID# # 9-A

Type weight 2 Ton Con. Steel size 4x4x4

Condition Good

Feet chain 20' cable

Underwater Bouy Yes      No ✓

Previously attached to     

When abandoned est.     

Other info     

40 FT  
Mike L.

Information Sheet - Abandoned weights

Cove CAT HRB. Weight ID# # 10

Type weight concrete size 2000 lbs

Condition good + 30" of 1" steel hauser

Feet chain 35 - Condition OK

Underwater Bouy Yes      No ✓

Previously attached to Station of L-2.

When abandoned est. EUT IN DEC. 81

Other info     

DAVE L. 30 to 40' depth

Information Sheet - Abandoned weights

Cove CAT Harb. Weight ID# # 11

Type weight      size     

Condition     

Feet chain      Condition     

Underwater Bouy Yes      No     

Previously attached to     

When abandoned est.     

Other info found nothing just rock

DAVE L. searched 5' to 20' depth

Information Sheet - Abandoned weights

Cove CAT H.B. Weight ID# # 12

Type weight \_\_\_\_\_ Size \_\_\_\_\_  
Condition \_\_\_\_\_  
Feet chain \_\_\_\_\_ Condition \_\_\_\_\_  
Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_  
Previously attached to \_\_\_\_\_  
When abandoned est. \_\_\_\_\_  
Other info Found nothing

DIVE 1. Searched 15-20' depth

Information Sheet - Abandoned weights

Cove CAT H.B. Weight ID# # 13, 14, & 15

Type weight \_\_\_\_\_ Size \_\_\_\_\_  
Condition \_\_\_\_\_  
Feet chain \_\_\_\_\_ Condition \_\_\_\_\_  
Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_  
Previously attached to \_\_\_\_\_  
When abandoned est. \_\_\_\_\_  
Other info Found nothing

DIVE 1. Searched 25-45' depth

Information Sheet - Abandoned weights

Cove CAT H.B. Weight ID# # 16

Type weight \_\_\_\_\_ Size \_\_\_\_\_  
Condition \_\_\_\_\_  
Feet chain \_\_\_\_\_ Condition \_\_\_\_\_  
Underwater Bouy Yes \_\_\_\_\_ No \_\_\_\_\_  
Previously attached to \_\_\_\_\_  
When abandoned est. \_\_\_\_\_  
Other info \_\_\_\_\_

DIVE 1. Did not search

APPENDIX "G"

REPORT RE: DISCREPANCIES IN SCI COMPANY'S  
1982 HOT SHEETS, PREPARED BY LYNN STOKES  
ON JUNE 19, 1982, FOR JAMES RADCLIFFE,  
ATTORNEY FOR ISLAND NAVIGATION, INC., AND  
SEAWAY COMPANY OF CATALINA

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EX # 46  
11/2/82  
KLLW



P.O. BOX 1314, AVALON, CALIFORNIA 90704/PH: (213) 510-0409

July 11, 1982

Jim Radcliffe  
17291 Irvine Blvd.  
Tustin, CA 92680

RE: Discrepancies in SCI Company's 1982 HOT SHEETS  
Taken by Lynn Stokes on June 19, 1982

DISCREPANCIES TYPED IN RED #

CATALINA HARBOR-

- 77 moorings - can type
- \* mooring C-2 & C-3 are double moorings, one fore, one aft
- \* E row has moored float
- \* L-3 Large can - no name, no number
- \* N-3 Large can - no name, no number

WELLS BEACH-

- 21 moorings - can type
- \* one mooring - camp type, no name, no number
- \* mooring names are 80% accurate

CHERRY COVE-

- 104 moorings, can type
- \* 5 camp bouys near swim line
- \* swim line and markers

EMERALD BAY-

- 100 moorings, can type
- 1 L-float mooring

FOURTH OF JULY COVE-

- 42 moorings, can type
- 1 Coast Guard can, #CG
- \* Dingy dock, swim float
- \* String 14 camp type moorings

HEN ROCK-

- 25 moorings, can type
- \* Balboa Yacht club has 1 mooring

HOWLANDS LANDING-

- 42 moorings, can type
- \* 15 camp type moorings, cans - no names, no numbers
- \* 3 home made moorings, float type

CONTINUED

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P.O. BOX 1314, AVALON, CALIFORNIA 90704/PH. (213) 510-0409

ISTHMUS-

251 moorings, can type

*East* ~~Beach~~ Beach has string line - 10 boats

\* Baywatch mooring

\* Dingy Docks, work docks, fuel dock

FISHERMANS COVE -U.S.C. -

\* 15 moorings, can type - numbered & painted - U.S.C.

\* 2 large cans off of pier

\* Work boats

\* Moored research platform

MOONSTONE BAY-

39 moorings, can type

*evij* \* Pier float- moored

CG can - barge

WHITE'S LANDING-

17 moorings, can type

\* Swim line, pier floats, swim float

\* 1 mooring off of pier, no name, no number

\* 5 moorings, camp type

\* 1 mooring, can type - Vessel STARFIRE

BUTTON SHELL BEACH-

9 moorings, can type

\* Swim line, pier float, float

\* 3 rows, 27 floats moored, camp moorings

LITTLE GREGOR-

1 mooring, can type

TOYON BAY-

\* 1 mooring, can type to swim line

\* 5 moorings, can type

\* 4 moorings, camp type

GALLAGHER'S COVE-

\* Swim line

\* Float

\* 8 moorings, camp type

APPENDIX "H"

REPORT ON STAFF AUDIT  
PERFORMED NOVEMBER 10, 1982

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APPENDIX H  
REPORT ON STAFF AUDIT

On 11-10-82, Ron Smiley, Art Barnett and I went by helicopter to Two Harbors for the purpose of auditing the number of moorings. Doug Bombard met us and he and his staff cooperated with us fully.

We obtained a copy of the tab run called "DBE's Mooring Master List" showing mooring number, cove, name of boat, registration number of boat, length and sub-lessee. It also shows the amount due and if more than one boat is moored there. From this list, we scheduled all moorings and arrived at a total of 720 moorings, 2 stringlines, 5 swimlines and 6 camp moorings.

We then obtained the income statement for the period 1-1-82 to 9-30-82. The income is segregated between SCICO and CONS depending on who owns the adjacent uplands. Time did not permit examination of all mooring related income on an actual basis so we tested the lease (equipment owned by DBE/SCICO/CONS), and contract (equipment owned by private party but serviced on a time and material basis by DBE) income for March, 1982. This test included tracing all revenue for the test month back to the contract or lease and listing all moorings involved. These moorings were checked against the master mooring list and all moorings producing revenue were accounted for. We also took random contracts/leases and traced to the mooring master list; no additional moorings were noted.

We also examined the Daily Mooring Rental for August 1982 by tracing revenue from the income statement to the weekly cash report to the daily cash report and one batch of mooring daily tickets which are pre-numbered, yellow books for SCICO, and blue books for CONS. The moorings involved were checked against the master mooring list; no additional moorings were noted. We also traced one mooring ticket book to the master mooring list and did not find any additional moorings.

We then asked for a copy of the internal control procedures and as time permitted, we examined the procedures. Items that should be noted include four moorings that have two buoys each; the one mooring is for the "Phoenix" Glass Bottom Boat, the other three are over a wreck. All are located in Catalina Cove. These are included in our 720 moorings with the two buoys being counted as one mooring. There are also "stringline" moorings that have two buoys with a cable between them where several boats could moor - these are not included in the 720. There are also "swimline" buoys which, like the stingline, have two buoys with a rope and floats attached between them. Also, there are some black oyster buoys in Catalina Harbor. There are approximately four "skiff" moorings

included in the 720 that do not have buoys attached, and about 150 submerged mooring buoys. The submerged buoys are excluded from the 720. Finally, there are camp moorings not included in the 720 where the camps have a separate lease with the State, i.e., Toyon Cove.

DBE also gave us schedules of the "Mooring Days Activity Report" which contains data relating to transient use vs. contract/leases use for the period 1-1-82 to 9-30-82. This indicates 62% usage by transients, 29% by contract/lessee, and 9% by assignees.

**Conclusions:**

1. Based on our limited examination, we feel that the mooring master list is reliable. The mooring master list shows a total of 720 moorings, excluding double buoys, stringline, swimline and oyster buoys, camp buoys, and including skiff moorings with no buoys.
2. Based on our limited examination of transaction controls, that the methods and procedures adopted by the Company appear to protect the assets of the business, insure accurate and reliable accounting data.
3. DBE is further initiating a program to put serial numbers on all mooring locations.

Jim Herring

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DBE MOORING MASTER LIST  
SANTA CATALINA ISLAND

<u>Moorings</u>	<u>String Line Can</u>	<u>Swim Line</u>	<u>Camp Mooring</u>	<u>PER Current Coastal Access Inn Fig. 1</u>	<u>Difference</u>
Isthmus C.	2			239	(10)
4th July				42	-0-
Cherry C.				103	-0-
Howlands		2	1	39	( 1)
Emerald Bay		3	2	97	( 3)
Catalina Harbor			1	85	8
Wells Beach					(20)
Hen Rock				25	-0-
Little Geiger				1	-0-
Button Shell			2	7	-0-
White's Landing				17	-0-
Moonstone				34	-0-
	2	5	6	689	( 5)
					(31)

Parsons Landing  
Toyon  
Empire  
Big Fisherman Cove

2  
9  
4 (Quarry Use)  
10 (USC Use)  
714  
2  
9  
4  
18  
2

APPENDIX "I"

DIAGRAMS DEPICTING SEQUENTIAL  
NUMBERING OF MOORINGS

LENDAR PAGE	139
MINUTE PAGE	2970

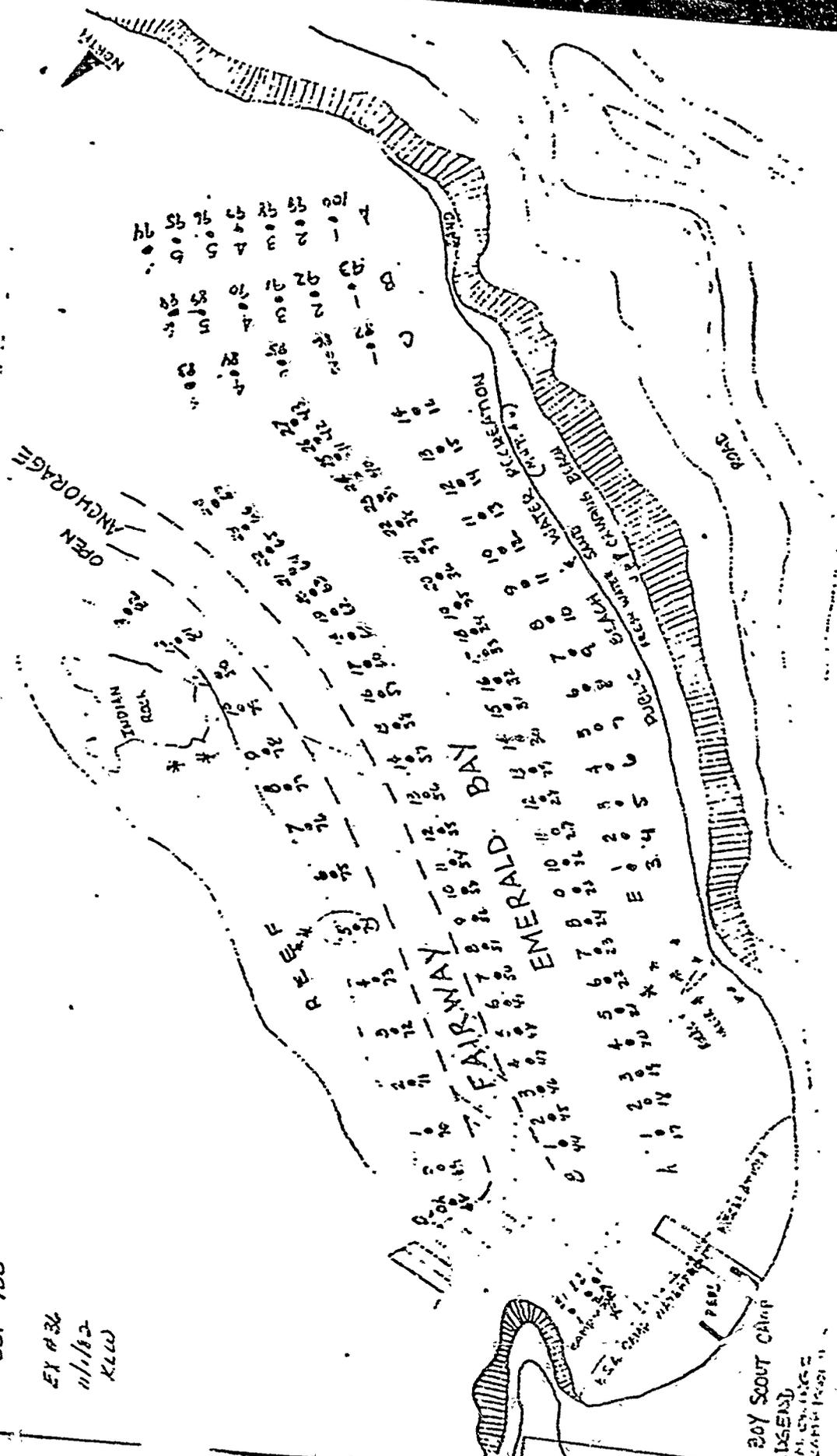
100 REV MOORINGS

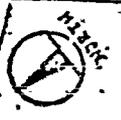
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EX #36

11/182

KLLW



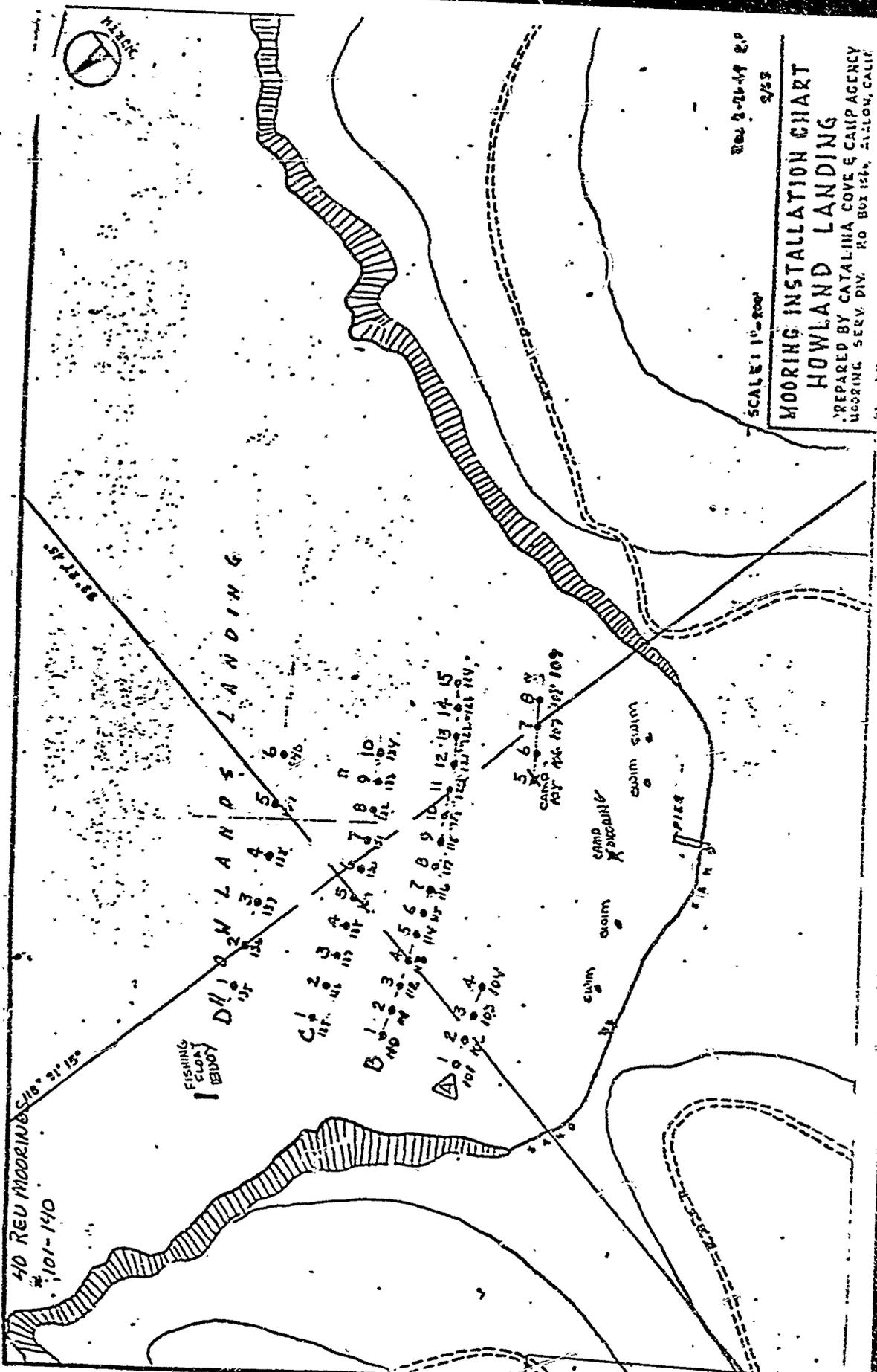


REV. 2-25-47 R.P.  
9/53

SCALE: 1"=200'

# MOORING INSTALLATION CHART HOWLAND LANDING

PREPARED BY CATALINA COVE & CAMP AGENCY  
MOORING SERV. DIV. PO BOX 156, SULLOW, CALIF.



40 REV MOORING  
#101-140

FISHING  
CLOAT  
EDDY

HOWLAND LANDING

A 1 2 3 4  
101 102 103 104

B 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155

C 1 2 3 4 5 6  
146 147 148 149 150 151

5 6 7 8  
CAMP  
107 108 109 110

CAMP  
MOORING

PIER

CALENDAR PAGE

MINUTE PAGE

297

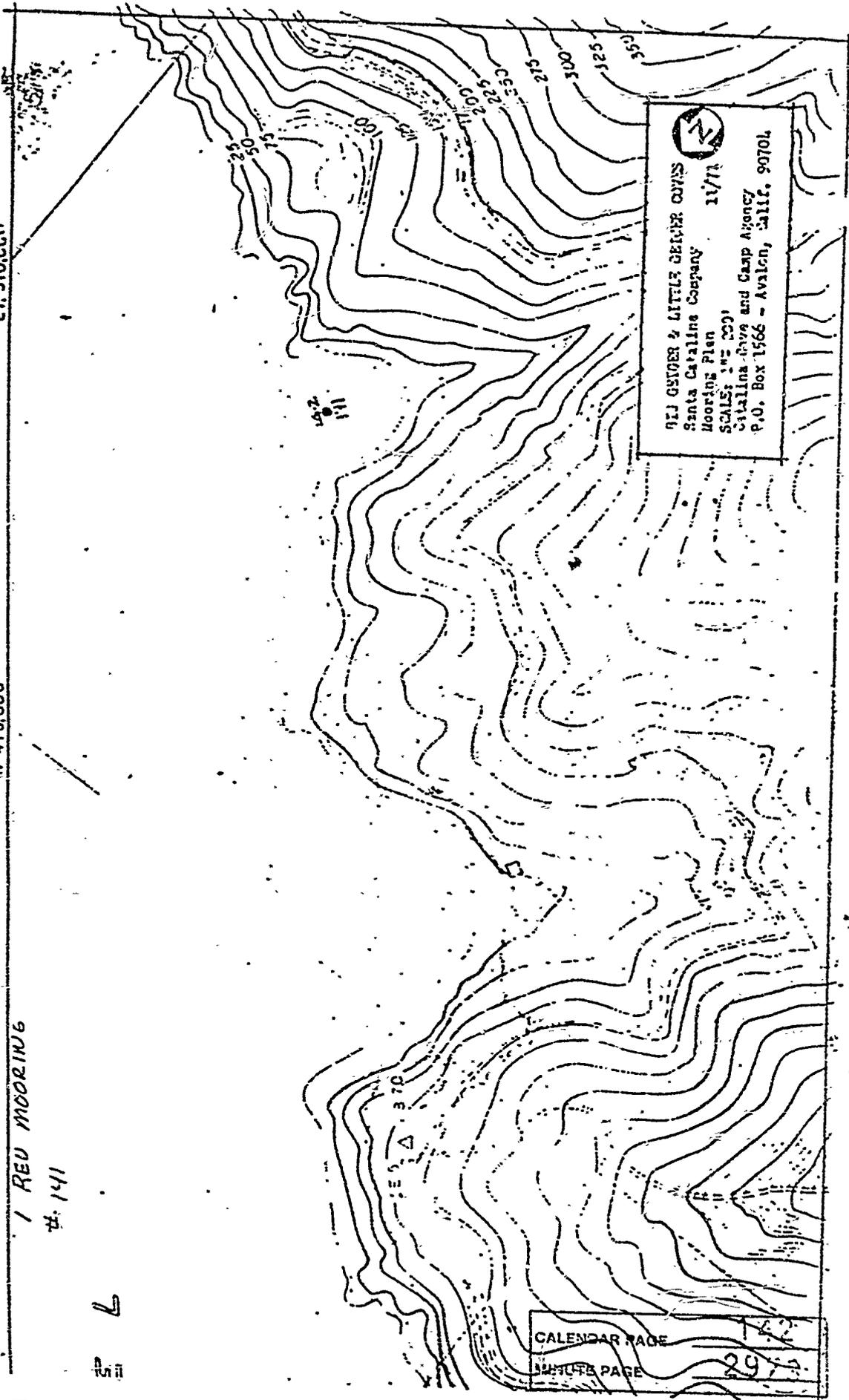
E1. 310,000

N 478,000

1 REV MOORING

#. 141

SP 6



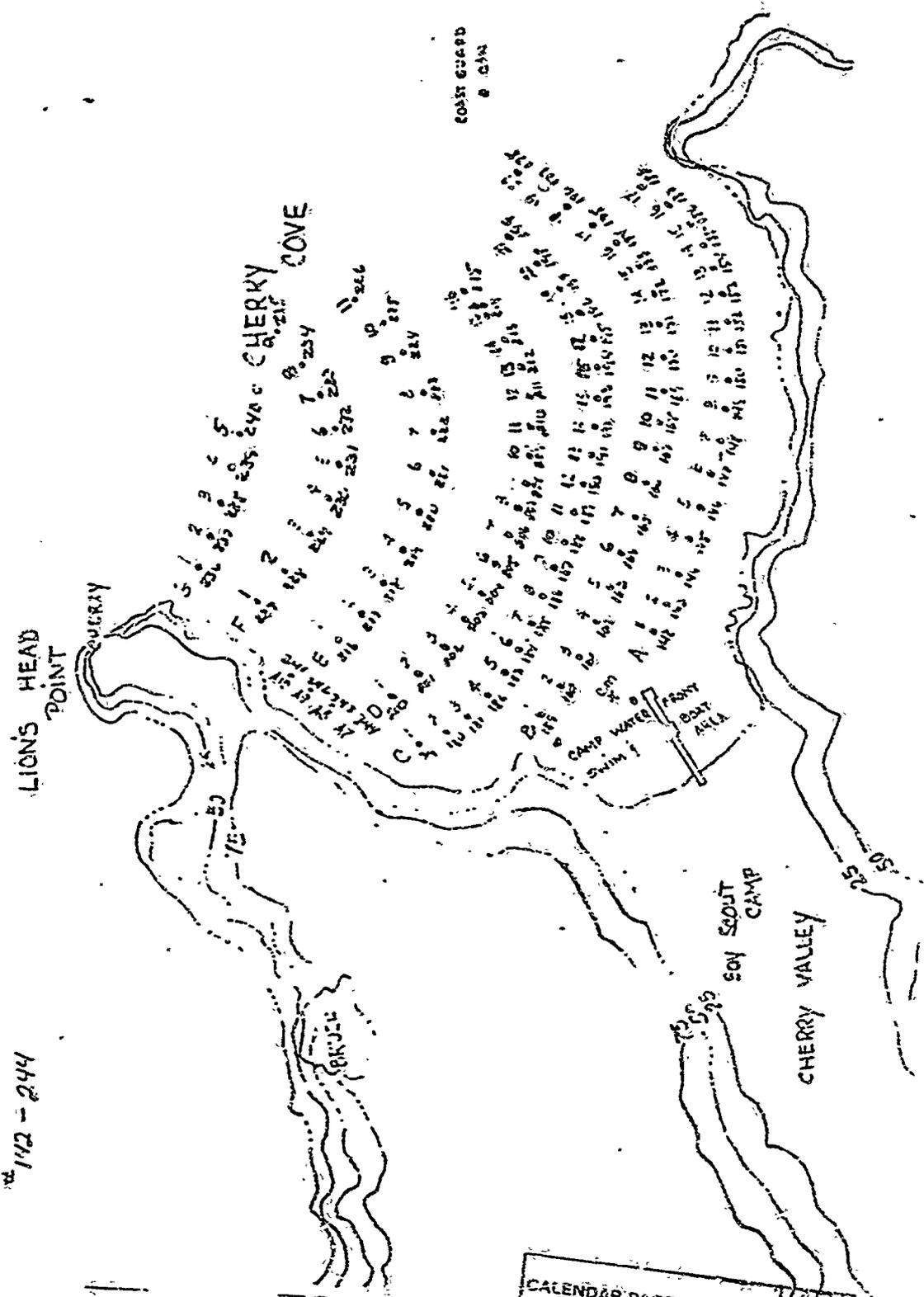
  
 R. J. GUNTER & LITTLE BECKER COVINS  
 Santa Cataline Company  
 Mooring Plan  
 SCALE: 1" = 200'  
 Catalina Cove and Camp Agency  
 P.O. Box 1566 - Avalon, Calif. 90704

CALENDAR PAGE  
 SHEET PAGE

29



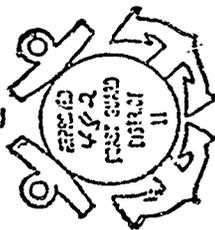
103 REV MOORINGS  
# 142 - 244



CALENDAR PAGE	1743
MINUTE PAGE	2974



ORIGIN



118° 30' 50"

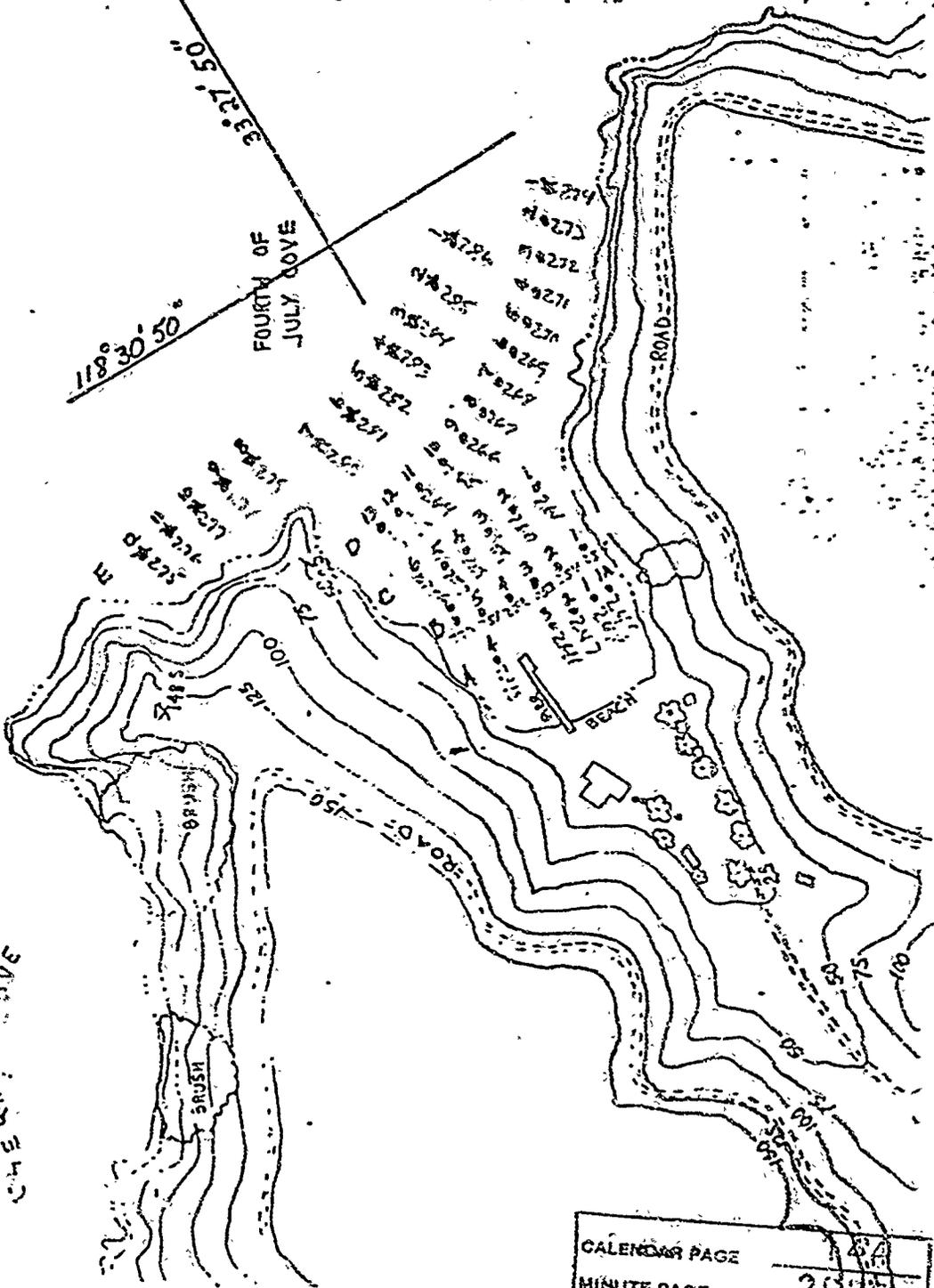
33° 37' 50"

FOURTH OF JULY COVE

#12 REV MOORINGS

#215 -286

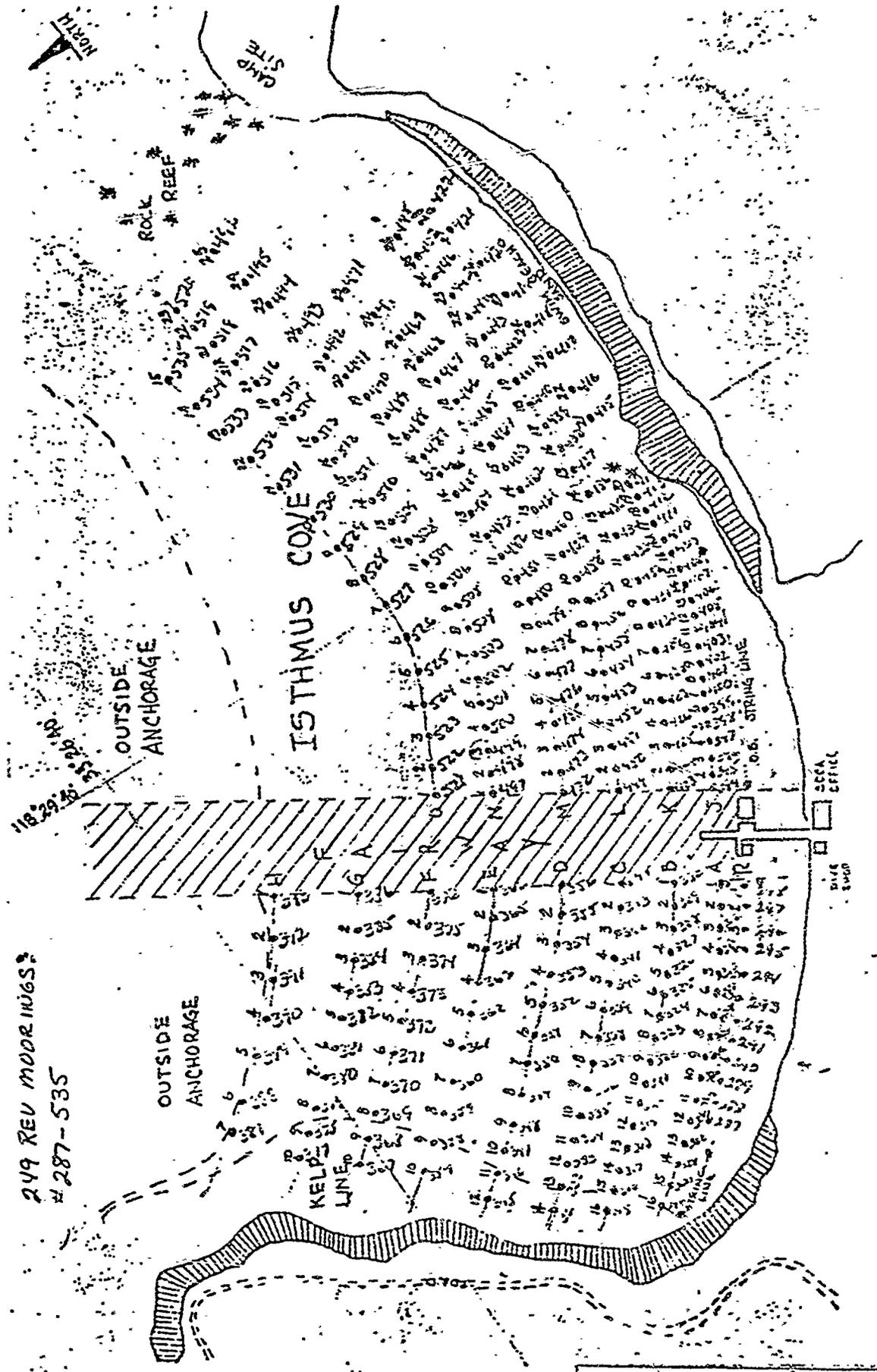
CHEWY COVE



CALENDAR PAGE

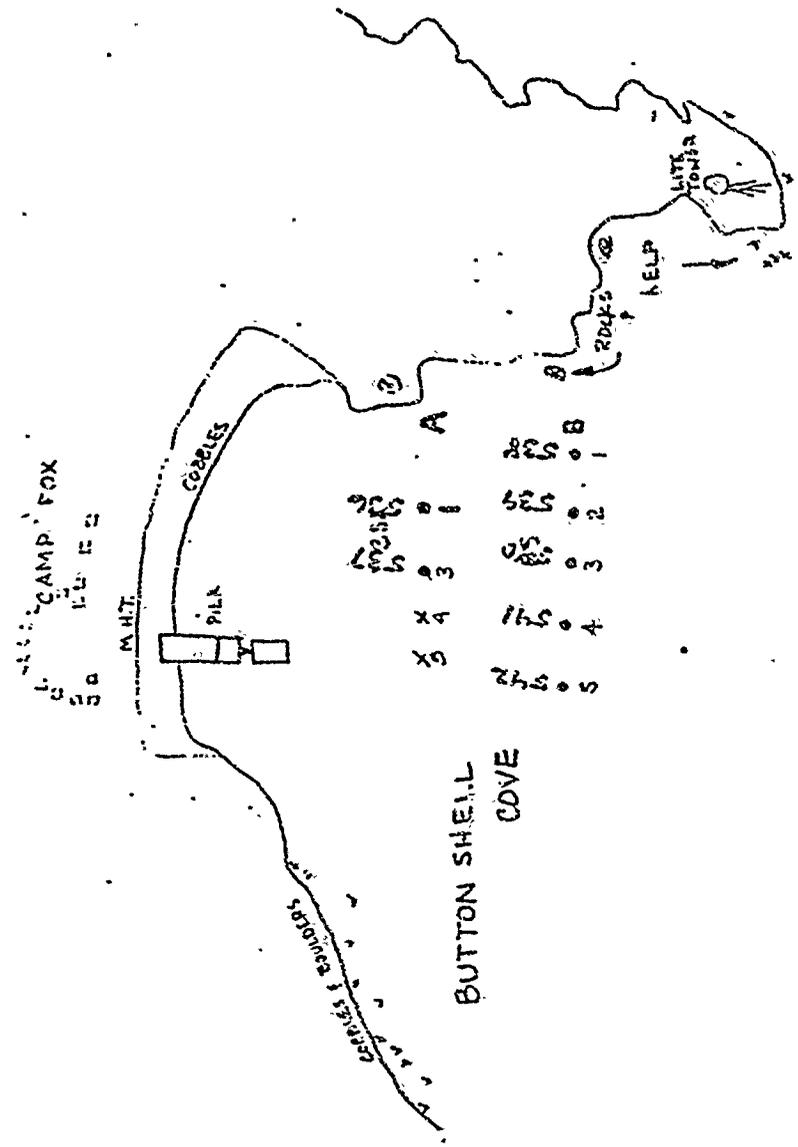
MINUTE PAGE

259



249 REV MODRINGS  
#287-535

7 REV MOORINGS  
#536 - 542



MOORING	A	B
1	225	1
2	225	2
3	225	3
4	165	4
5	2342	5

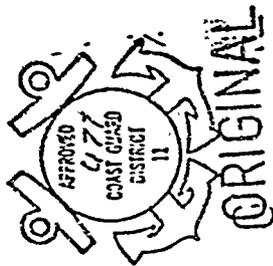
DESIGNED  
BY  
X  
E

CALENDAR PAGE 148  
MINUTE PAGE 2977



WHITES LANDING  
17 RED MOORINGS  
# 564-584

MOONSTONE  
39 RED MOORINGS  
# 585-623



COLE

