

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

CAMLINSEADANCERMAKITSO SECRETARIAT, CH

*registered name*

PORTUGUESE WATER DOG

*breed*

BROWN

*color*

40034E6652

*tattoo/microchip/DNA profile*

1228298

*application number*

8/11/2006

*date of report*

WS08909001

*registration no.*

M

*sex*

6/23/2004

*date of birth*

25

*age at evaluation in months*

PW-4579G25M-PI

*O.F.A. NUMBER*

*This number issued with the right to correct or  
revoke by the Orthopedic Foundation for Animals.*



A Not-For-Profit Organization

*Based upon the radiograph submitted the consensus was that no evidence of hip dysplasia was recognized.*

*The hip joint conformation was evaluated as:* **GOOD**

owner

ROY & BARBARA CAWLEY  
2970 SPRING HILL DR  
WANSHIP, UT 84017

G.G. KELLER, D.V.M., M.S., DACVR  
CHIEF OF VETERINARY SERVICES

www.offa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

CAMLINSEADANCERMAKITSO SECRETARIAT, CH

*registered name*

PORTUGUESE WATER DOG

*breed*

BROWN

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WS08909001

*registration no.*

M

*sex*

6/23/2004

*date of birth*

25

*age at evaluation in months*

PW-EL1387M25-PI

*O.F.A. NUMBER*

*This number issued with the right to correct or  
revoke by the Orthopedic Foundation for Animals.*



A Not-For-Profit Organization

*Based upon the radiographs submitted the consensus was that no evidence of elbow dysplasia was recognized.*

**NORMAL**

owner

ROY & BARBARA CAWLEY  
2970 SPRING HILL DR  
WANSHIP, UT 84017

G.G. KELLER, D.V.M., M.S., DACVR  
CHIEF OF VETERINARY SERVICES

www.offa.org

Reference #: 876867

Report Date: 10/27/2008

Practice #:

Radiography Date: 10/20/2008

Date Received: 10/23/2008

**Owner:**

BARBARA CAWLEY  
21081 NE 2ND PLACE  
WILLISTOWN, FL 32696  
UNITED STATES

**PennHIP Member:**

DR. KATHY VLIET  
JONESVILLE ANIMAL HOSPITAL  
14145 W. NEWBERRY RD, SUITE 102  
NEWBERRY, FL 32669  
UNITED STATES

**ANIMAL**

CH CAMLINSEADANCER MAKITSO SECRETARIAT (TERRY)

CANINE / PORTUGUESE WATER DOG

Reg #: WS08909001

Date of Birth: 6/23/2004 Sex: M Weight: 53 lbs. Age: 52 mo.

Microchip:

Tattoo:

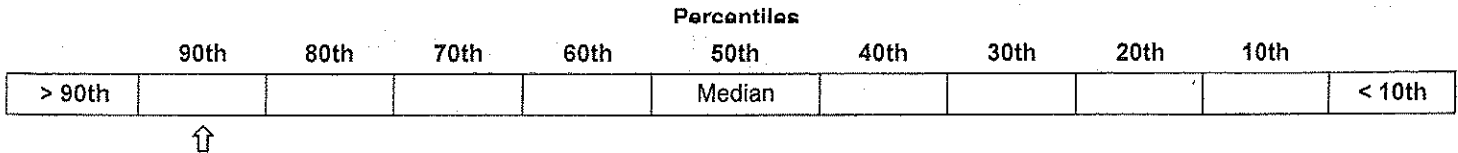
**RESULTS**

LEFT			DI is greater than 0.30 with no radiographic evidence of DJD. There is an increasing risk of developing DJD as the DI increases; low risk when DI is close to 0.30, high risk when DI is close to 0.70 or above.
Distraction Index (DI)	0.35		
Degenerative Joint Disease (DJD)	None		
Cavitation	No		
Other Findings		Not Applicable	
RIGHT			DI is less than or equal to 0.30, with no radiographic evidence of DJD.
Distraction Index (DI)	0.30		
Degenerative Joint Disease (DJD)	None		
Cavitation	No		
Other Findings		Not Applicable	

Please note that the PennHIP DI is a measure of hip joint laxity, it does not allude to a "passing" or "failing" hip score.

**LAXITY PROFILE RANKING**

The laxity profile ranking is based on the hip with the greater laxity (DI). This interpretation is based on a cross-section of 251 CANINE animals of the PORTUGUESE WATER DOG breed. The median DI for this group is 0.55.

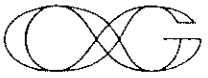


The chart above indicates the ranking of your animal's passive hip laxity (DI) in relation to all CANINE animals of the PORTUGUESE WATER DOG breed in our database. This result means that 1) your animal's hips are tighter than approximately 90% of this group of animals (alternatively, 10% of the group has tighter hips than your animal), and 2) your animal's hip laxity is in the tighter half of the laxity profile. Breed-specific evaluations are analyzed semi-annually. Consequently, the average laxity and range of laxity for any given group will change over time.

PennHIP does not make specific breeding recommendations. Selection of sire and dam for mating is the decision of the breeder.

**NOTE:** As a minimum breeding criterion, we propose that breeding stock be selected from the population of animals having hip laxity in the tighter half of the breed (to the left of the median mark on the graph). Higher selection pressure equates to more rapid expected genetic change per generation.

By implementing selection based on passive hip laxity, we expect the breed average DI over the years to move toward tighter hip configuration, meaning lower hip dysplasia susceptibility. The PennHIP database permits scientific adjustment of criteria to reflect these shifts; the average laxity and range of laxity for a particular breed will change over time.



**OPTIGEN**<sup>®</sup> LLC

for the genetic advantage

## Test Report

**Barbara H. Cawley**  
2970 Spring Hill Drive  
Wanship, UT 84017  
USA

Optigen Accession #: **06-6757**  
Report issued for: **Terry**

### OptiGen Test Certificate

**Optigen Accession #: 06-6757**

**Report Issued: 08/08/2006**

**Test Performed: prcd Mutation Test for PRA**

**Result: Normal**

**Registered Name: CamlinSeadancerMakitso Secretariat**

**Reg#: WS08909001**

**Breed: Portuguese Water Dog**

**ID#: 40034E6652**

**Sex: Male**

**Date of Birth: June 23, 2004**

**Owner(s):**

**Barbara H. Cawley**

**Roy E. Cawley**



*Janette S. Felix*  
OptiGen Authorized Signature

[www.optigen.com](http://www.optigen.com)

Test Results: Genotype of your dog is Normal/Clear.

Risk for developing PRA: This dog will never develop the prcd form of PRA (progressive rod-cone degeneration form of Progressive Retinal Atrophy). So far, the only inherited PRA disease known in dogs of your breed is the prcd form of PRA.

Significance for breeding: Genetically Normal/Clear dogs can be bred to any dog and will produce no pups affected with the prcd form of PRA.

For further information, please consult the OptiGen website at [www.optigen.com](http://www.optigen.com).

Cornell Business & Technology Park

tel: 607.257.0301

fax: 607.257.0353

767 Warren Road, Suite 300, Ithaca, NY 14850

email: [genetest@optigen.com](mailto:genetest@optigen.com)

web: [www.optigen.com](http://www.optigen.com)

**CERTIFICATE OF GENETIC TESTING**  
**CANINE GMI GANGLIOSIDIS**  
**TESTING PROGRAM**

**AKC REGISTRATION >** CH CAMLIN SEADANCER MAKITSO SECRETARIAT **DATE OF TEST >** 8/4/2006  
**NAME**  
**AKC REGISTRATION >** WS08909001  
**NUMBER**  
**OWNER >** Roy an Barbara Cawley  
**CT No. >** 06-141  
**DATE OF BIRTH >** 4/23/2004  
**Sex >** Male  
**Results >** Normal  
**Microchip or Tattoo #>** 40034E6652

A DNA sample from the Portuguese Water Dog identified above was tested and found not to have the R60H mutation in the lysosomal b-galactosidase gene which in homozygotic animals results in GMI gangliosidosis. The test was performed in accordance with our U.S. Patent No. 6,140,115.

THE NEUROGENETICS PROGRAM NYU SCHOOL OF MEDICINE  
212-263-7637

**Barbara Cawley**  
21081NE 2nd Place  
Williston FL 32696

March 7, 2008

Owner Information

**Owner:** Barbara Cawley  
**Co-Owners:** Roy Cawley

Dog Information

**Registered Name:** Ch Camlin Seadancer Makitso Secretariat  
**Call Name:** Terry **AKC #:** WS08909001  
**Date of Birth:** 6/23/2004 **Sex:** male

JDCM Linked Marker DNA Test Information

**Test Pattern/Genotype:** 1-1

**Test Result:** probable normal **Test ID Number:** 5359

**Result Interpretation:** 1-1 (probable normal) dogs are not expected to develop JDCM, nor are they expected to pass a JDCM-causing gene to their offspring. Due to the inherent nature of linked marker tests, there is a slight chance that a pattern 1-1 dog is a carrier of JDCM and an even smaller chance that a pattern 1-1 dog is affected (see JDCM linked marker DNA test FAQ sheet at [www.pwdca.org](http://www.pwdca.org) or [www.pwdfoundation.org](http://www.pwdfoundation.org)).

Sincerely,

**Paula S. Henthorn, PhD or Petra Werner, DVM/PhD**  
Section of Medical Genetics  
School of Veterinary Medicine  
University of Pennsylvania



ORIGINAL

**CANINE EYE REGISTRATION FOUNDATION**  
**P.O. Box 3007 Urbana, IL 61803**

Telephone: 217-693-4800      Email: [cerf@vmdb.org](mailto:cerf@vmdb.org)      8/14/2009

BREED	PORTUGUESE WATER DOG		CERF #	PW-4926/2009-62		
REGISTRATION NAME	CAMLIN SEADANCER MAKITSO SECRETARIAT, CH		BIRTH DATE	6/23/2004		
REGISTRATION NUMBER	WS08909001	COLOR	BROWN		SEX	M
BARBARA & ROY CAWLEY 21081 NE 2ND PLACE WILLISTON, FL 32696						
DATE EXAMINED			8/5/2009			
PERMANENT IDENTIFICATION			400 34E 6652			
BREEDER OPTION DIAGNOSIS (detail on back) No inherited eye disease found						

THIS CERTIFICATE IS VALID ONLY FOR 12 MONTHS, FROM DATE OF EXAMINATION. Certification relates to PHENOTYPE (appearance) only at time of examination; it implies no clearance for GENOTYPE (possible "carrier") or for heritable ocular disease developing subsequent to date of examination.  
WARNING: certificate invalid if background not printed in blue ink with the word "original" printed in red ink.

AMERICAN KENNEL CLUB • ESTABLISHED 1884

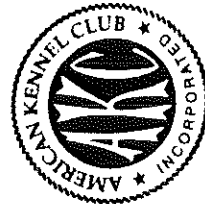
# Certified Pedigree

**Sire**  
CH MAKITSO N PINEHAVEN ICE MAN  
WR01825003 (09-03) OFA26E OFEL26  
CERF50 BR WH MKGS AKC DNA #V257765

**Dam**  
CH CAMLINESEADANCERMAKITSO  
SECRETARIAT

WS08909001  
PORTUGUESE WATER DOG MALE BR  
Date Whelped: 06/23/2004  
Breeder: LINDA CAMPBELL/LINDA J HINKLE

**Dam**  
CH FERNCLIFF SEADANCER AT  
CAMLIN  
WR06112201 (09-04) BLK



## AMERICAN KENNEL CLUB™

CH SWTMDWSDRFTWD BORN IN THE  
USA  
WP86531001 (09-00) OFA24G OFEL24  
CERF85 BLK & WH AKC DNA #V88429

CH PINEHAVEN UNTIL THE NIGHT OA  
NAJ  
WP80730409 (06-01) BLK & WH

CH YELSEK SEA SHANTY  
WP96800701 (07-00) OFA29F CERF87 BR  
(UKG) AKC DNA #V125259

CH FERNCLIFF LISBOA PORT OF KLEIN  
WP91770209 (05-02) OFA33F CERF71  
BLK WH MKGS AKC DNA #V379987

CH DRIFTWOOD N ANJI BATMAN FOREVER  
WP65132302 (06-98) OFA24E OFA24E BLK

CH TIMBERMIST'S IR A TERRA  
WP68683806 (10-98) OFA29G OFEL29 BR

CH PINEHAVEN IT HAD TO BE YOU  
WP46068702 (07-96) OFA26G BLK WH MKGS  
AKC DNA #V142055

PINEHAVEN UPTOWN GIRL  
WP59694105 (12-97) BLK WH MKGS

CARTMEL THE SEAFARER  
KCR U2459202U03

RARJO BROWN GIRL IN THE RING  
KCR V3211609V03

CH CARTMEL THE BISMARCK  
WP69214601 (04-97) OFA24G OFEL24 BLK  
(UKG)

CH FERNCLIFF RAVISHING RAVEN  
WP71460902 (08-99) BLK WH MKGS

CH PINEHAVEN'S BRIGADOON  
WG335022 (12-95) OFA25G OFEL25 BLK WH  
MKGS

CH ANJI ELISSA DERIVA DE GALVEZ  
WP53507302 (12-95) OFA24G BLK WH MKGS

CH TIMBERMIST LANCAR FLOR DE MAR CDX  
WP517350 (09-87) OFA24 OFEL129 BLK

CH TIMBERMIST AGUA LAMA EBONY N IVORY  
CD NA  
WP42121121 (07-95) OFA24G OFEL24 BLK & WH

CH ANACOVES LA PRIMERA SAMBA CDX  
WF997156 (12-89) OFA24G OFEL38 BLK & WH

CH WHITE CAP GRACA BRAVATA  
WF966920 (12-89) OFA27G BLK

CH PINEHAVEN'S ON THE TOWN  
WG324414 (02-92) OFA26G OFEL26 BLK & WH  
AKC DNA #V48326

CONCHITA DO VALE NEGRO  
WP54776301 (03-95) BR WH MKGS (POR)

PORAO DO VALE NEGRO  
LOP 88225

MARINHA DO VALE NEGRO  
KCR U0095320U03

BREGANTIA CAPTAINS MATE  
KCR T4706304T04

ELMLEY SAILING HOME TO RARJO  
KCR S4419901S04

PORAO DO VALE NEGRO  
LOP 88225

MARINHA DO VALE NEGRO  
KCR U0095320U03

CH BRIEHAH'S MISSISSIPPI GAMBLER  
WP51416602 (09-96) OFA24G CERF136 BLK & WH  
AKC DNA #V123646

CH RIVERRUN APPLE OF MY EYE  
WP46134903 (09-96) OFA24E BLK WH MKGS

*June L. Bradley*  
Executive Secretary

The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on March 2, 2006.

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

POUCH COVE EVERY SAILOR'S DREAM, CH  
*registered name*

PORTUGUESE WATER DOG  
*breed*

BLACK  
*color*

474A1F476E  
*tattoo/microchip/DNA profile*

1306028  
*application number*

2/20/2008  
*date of report*

WS16496304  
*registration no.*

F  
*sex*

1/29/2006  
*date of birth*

24  
*age at evaluation in months*

PW-5073G24F-PI  
*O.F.A. NUMBER*

*This number issued with the right to correct or  
revoke by the Orthopedic Foundation for Animals.*



A Not-For-Profit Organization

*Based upon the radiograph submitted the consensus was that no evidence of hip dysplasia was recognized.*

*The hip joint conformation was evaluated as:* **GOOD**

owner

KATHY MAGUIRE  
47665 WALNUT TREE LN  
PLYMOUTH, MI 48170

*G.G. Keller DVM*  
G.G. KELLER, D.V.M., M.S., DACVR  
CHIEF OF VETERINARY SERVICES

690096

www.offa.org

ORTHOPEDIC FOUNDATION FOR ANIMALS, INC.

POUCH COVE EVERY SAILOR'S DREAM, CH  
*registered name*

PORTUGUESE WATER DOG  
*breed*

BLACK  
*color*

474A1F476E  
*tattoo/microchip/DNA profile*

1306028  
*application number*

2/20/2008  
*date of report*

WS16496304  
*registration no.*

F  
*sex*

1/29/2006  
*date of birth*

24  
*age at evaluation in months*

PW-EL1643F24-PI  
*O.F.A. NUMBER*

*This number issued with the right to correct or  
revoke by the Orthopedic Foundation for Animals.*



A Not-For-Profit Organization

*Based upon the radiographs submitted the consensus was that no evidence of elbow dysplasia was recognized.*

**NORMAL**

owner

KATHY MAGUIRE  
47665 WALNUT TREE LN  
PLYMOUTH, MI 48170

*G.G. Keller DVM*  
G.G. KELLER, D.V.M., M.S., DACVR  
CHIEF OF VETERINARY SERVICES

690096

www.offa.org



**Test Report**

Kathy M Maguire  
47665 Walnut Tree Lane  
Plymouth, MI 48170  
USA

Optigen Accession #: 08-2138  
Report issued for: Chloe

**OptiGen Test Certificate**

Optigen Accession #: 08-2138

Report Issued: 02/29/2008

Test Performed: prcd Mutation Test for PRA

Result: Normal  
Sample Type: Swab

Registered Name: Pouch Cove Every Sailor's Dream

Reg#: WS16496304

Breed: Portuguese Water Dog

ID#: 474 A1F 476E

Sex: Female

Date of Birth: January 29, 2006

Owner(s):

Kathy M Maguire



*Janette S Felix*  
OptiGen Authorized Signature

[www.optigen.com](http://www.optigen.com)

Test Results: Genotype of your dog is Normal/Clear.

Risk for developing prcd-PRA: This dog will never develop the prcd form of PRA (progressive rod-cone degeneration form of Progressive Retinal Atrophy). So far, the only inherited PRA disease known in dogs of your breed is the prcd form of PRA.

Significance for breeding: Genetically Normal/Clear dogs can be bred to any dog and will produce no pups affected with the prcd form of PRA.

For further information, please consult the OptiGen website at [www.optigen.com](http://www.optigen.com).

International DNA Based Genetic Database: To register this result with OFA, make a copy, sign below, mail WITH FEE, to OFA, 2300 E. Nifong Blvd, Columbia, MO 65201-3856 or FAX to 573-875-5073. [www.offa.org](http://www.offa.org)

I hereby certify that the sample submitted was of the animal described on this application. I authorize the OFA to release all information on the test results thus placing the results in the public domain and I hereby release OFA from any and all liability associated with the release of test information.

Signature of owner or authorized representative: \_\_\_\_\_

**Cornell Business & Technology Park**

tel: 607.257.0301

fax: 607.257.0353

767 Warren Road, Suite 300, Ithaca, NY 14850

email: [genetest@optigen.com](mailto:genetest@optigen.com)

web: [www.optigen.com](http://www.optigen.com)

# CERTIFICATE OF GENETIC TESTING

## CANINE GM1 GANGLIOSIDOSIS TESTING PROGRAM

AKC REGISTRATION > POUCH COVE EVERY SAILOR'S DREAM DATE OF TEST > 11/30/2006  
NAME GT No. > 06-210  
AKC REGISTRATION > WS16496304 DATE OF BIRTH > 1/29/2006  
NUMBER Sex > Female  
OWNER > Kathy Maguire Results > Normal  
Microchip or Tattoo # > 474A1F476E

A DNA sample obtained from swabs sent by the owner of the Portuguese Water Dog identified above was tested and found not to have the R60H mutation in the lysosomal  $\beta$ -galactosidase gene which in homozygotic animals results in GM1 gangliosidosis. The test was performed in accordance with our U.S. Patent No. 6,140,115.

THE NEUROGENETICS PROGRAM NYU SCHOOL OF MEDICINE  
212-263-7637



Section of Medical Genetics  
School of Veterinary Medicine  
University of Pennsylvania  
jdcmtest@vet.upenn.edu



Kathy Maguire  
47665 Walnut Tree Lane  
Plymouth MI 48170  
USA

March 14, 2008

Owner Information

**Owner:** Kathy Maguire  
**Co-Owners:**

Dog Information

**Registered Name:** Ch Pouch Cove Every Sailor's Dream  
**Call Name:** Chloe **AKC #:** WS16496304  
**Date of Birth:** 1/29/2006 **Sex:** female

JDCM Linked Marker DNA Test Information

**Test Pattern/Genotype:** 1-1

**Test Result:** probable normal **Test ID Number:** 5370

**Result Interpretation:** 1-1 (probable normal) dogs are not expected to develop JDCM, nor are they expected to pass a JDCM-causing gene to their offspring. Due to the inherent nature of linked marker tests, there is a slight chance that a pattern 1-1 dog is a carrier of JDCM and an even smaller chance that a pattern 1-1 dog is affected (see JDCM linked marker DNA test FAQ sheet at [www.pwdca.org](http://www.pwdca.org) or [www.pwdfoundation.org](http://www.pwdfoundation.org)).

Sincerely,

Paula S. Henthorn, PhD or Petra Werner, DVM/PhD  
Section of Medical Genetics  
School of Veterinary Medicine  
University of Pennsylvania



ORIGINAL

**CANINE EYE REGISTRATION FOUNDATION**  
**P.O. Box 3007 Urbana, IL 61803**

Telephone: 217-693-4800

Email: cert@vmdb.org

7/15/2009

BREED	PORTUGUESE WATER DOG		CERF #	PW-5634/2009--42	
REGISTRATION NAME	POUCH COVE EVERY SAILOR'S DREAM, CH		BIRTH DATE	1/29/2006	SEX   F
REGISTRATION NUMBER	WS16496304	COLOR	BLACK		
KATHY MAGUIRE 47665 WALNUT TREE LANE PLYMOUTH, MI 48170			DATE EXAMINED	7/4/2009	
			PERMANENT IDENTIFICATION	474 A1F 476E	
			BREEDER OPTION DIAGNOSIS (detail on back) D3A		

THIS CERTIFICATE IS VALID ONLY FOR 12 MONTHS, FROM DATE OF EXAMINATION. Certification relates to PHENOTYPE (appearance) only at time of examination; it implies no clearance for GENOTYPE (possible "carrier") or for heritable ocular disease developing subsequent to date of examination.  
WARNING: certificate invalid if background not printed in blue ink with the word "original" printed in red ink.

AMERICAN KENNEL CLUB • FOUNDED 1884

**Certified Pedigree**

Sire **CH POUCH COVE'S PATRIOT**  
WR03869705 (02-05) OFA24G BLK WH MKGS

**CH POUCH COVE EVERY SAILOR'S DREAM**

WS16496304 CERF9  
PORTUGUESE WATER DOG FEMALE BLK  
Date Whelped: 01/29/2006  
Breeder: PEGGY HELMING/ERIKA GRIESBACH/MILAN  
D LINT

Dam **CH AKIRE SUPA CHUNKY MONKEY**  
WS02043301 (02-05) OFA28G OFEL28 BLK  
AKC DNA #V389749



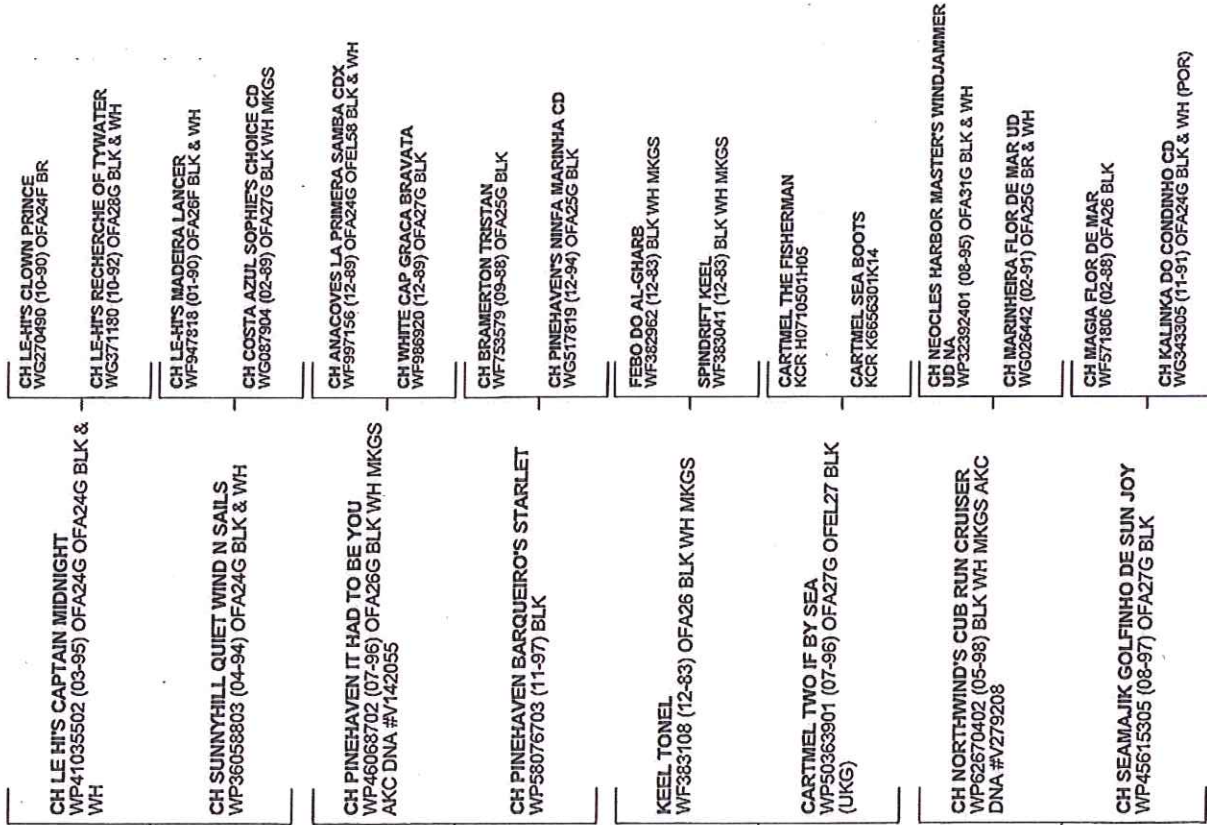
**AMERICAN KENNEL CLUB**

**CH SUNNYHILL DOM BENJAMIN**  
WP78400605 (10-99) OFA24G CERF105  
BLK & WH AKC DNA #V58474

**CH PINEHAVEN PRIMETIME**  
WP80136102 (11-01) OFA34G OFEL34  
BLK

**CH WATERMARK TOBY'S BLACK JACK**  
WP86378301 (04-02) CERF99 BLK AKC  
DNA #V210223

**CH SUN JOY'S AKIRE SUPA DU PA**  
WP83468106 (12-01) OFA25G BLK



*Janet L. Sewley*  
Executive Secretary

The Seal of The American Kennel Club affixed hereto certifies that this pedigree was compiled from official Stud Book records on April 2, 2007.

# THE AMERICAN KENNEL CLUB

## CHAMPIONSHIP CERTIFICATE

*This certifies that*

PORTUGUESE WATER DOG

POUCH COVE EVERY SAILOR'S DREAM WS16496304

*bred by*

PEGGY HELMING & ERIKA GRIESBACH & MILAN D LINT

*owned by*

KATHY MAGUIRE

*having completed the requirements on*

JANUARY 21, 2007

*has been officially recorded a*

**CHAMPION**

*by The American Kennel Club*



AMERICAN  
KENNEL CLUB<sup>SM</sup>

*James P. Crowley*  
*Executive Secretary*