

My Air Buddy And I

Version: 1.07.00 Beta

Build: ??

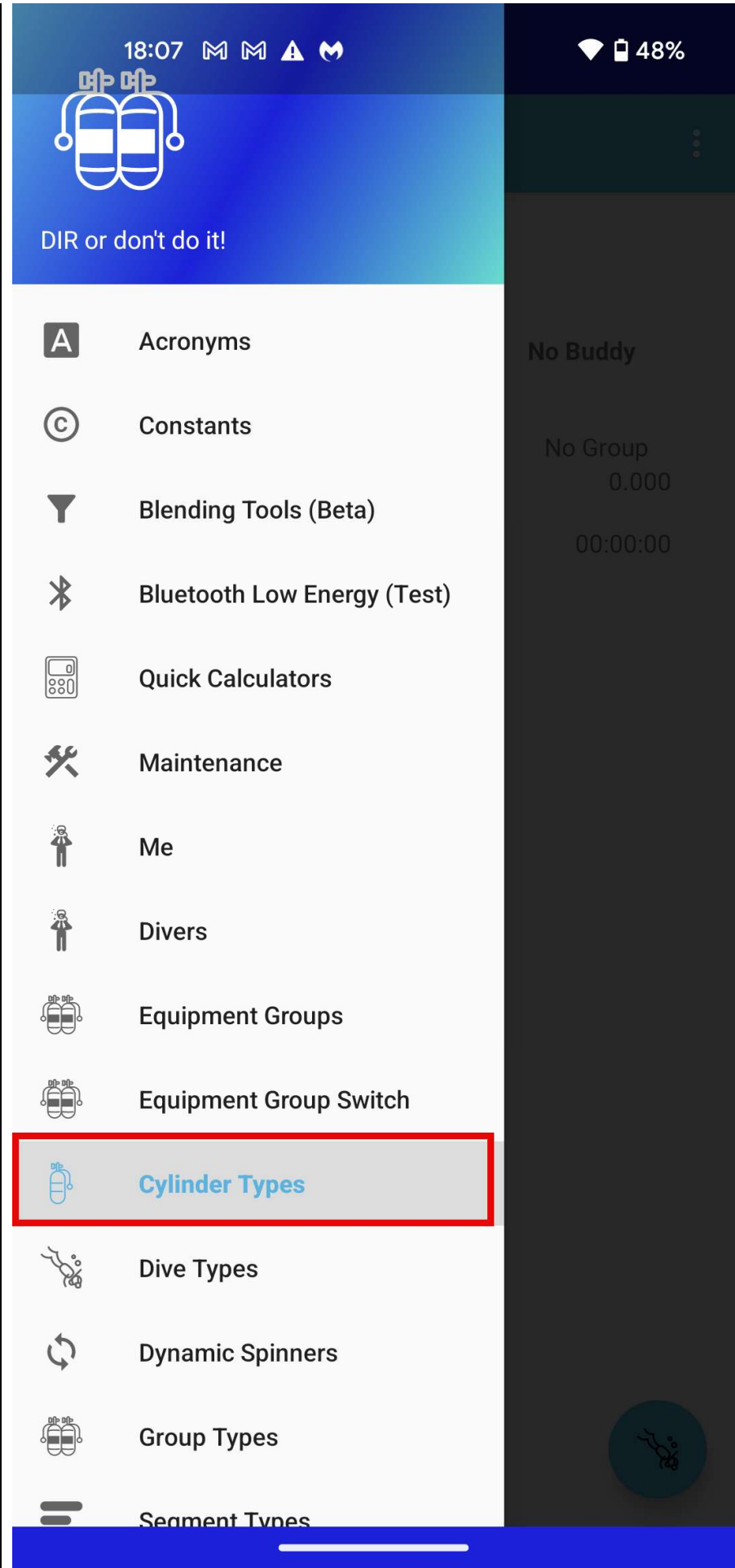
Released Date: 8/31/2025

Language: English

Unit of Measure: Imperial

Add Equipment Group

Using the right Equipment Group is primordial to obtain accurate SAC and RMV for your dives.





Under the Maintenance menu, click Cylinder Types.



Pick a Cylinder Type



Type	Description	Volume	RP	Dives
AL19	AL 19.0 @ 3000	19.0	3000.0	0
	Detail			
AL30	AL 30 @ 3000	30.0	3000.0	0
AL40	AL 40 @ 3000	40.0	3000.0	0
AL53	AL 53 @ 3000	53.0	3000.0	0
AL63	AL 63 @ 3000	63.0	3000.0	0
AL80	AL 80 @ 3000	78.2	3000.0	1
TANK	From Download/Import	78.2	3000.0	0
HP100	ST 100 @ 3442	100.0	3442.0	0
HP117	ST 117 @ 3442	117.0	3442.0	0
HP120	ST 120 @ 3442	120.0	3442.0	0
HP133	ST 133 @ 3442	133.0	3442.0	0
HP149	ST 149 @ 3442	149.0	3442.0	

The Cylinder Type you want is not listed.

Click Add a new Cylinder Type at the bottom right.

17:55 31 M A M

48%

←

Edit a Cylinder Type

⋮

CANCEL

SAVE

Type (required)
ALC100

Description (required)
ALC100 @ 3300

Volume (ft3) (required)
104.8

Rated Pressure (psi) (required)
3300

Enter the specifications for the new Cylinder Type.

Description is mandatory and free text like:

AL: Aluminum
104.8: Exact volume
3300 Rated pressure

Or

HP: High Pressure
104.8: Exact volume
3300: Working pressure

Click Save.

The new Cylinder
Type has been
added and listed.



Pick a Cylinder Type



AL19 AL 19.0 @ 3000 19.0 3000.0 0

AL30 AL 30 @ 3000 30.0 3000.0 0

AL40 AL 40 @ 3000 40.0 3000.0 0

AL53 AL 53 @ 3000 53.0 3000.0 0

AL63 AL 63 @ 3000 63.0 3000.0 0

AL80 AL 80 @ 3000 78.2 3000.0 1

TANK From Download/Import 78.2 3000.0 0

HP100 ST 100 @ 3442 100.0 3442.0 0

HP117 ST 117 @ 3442 117.0 3442.0 0

HP120 ST 120 @ 3442 120.0 3442.0 0

HP133 ST 133 @ 3442 133.0 3442.0 0











HP149 ST 149 @ 3442 149.0 3442.0 0

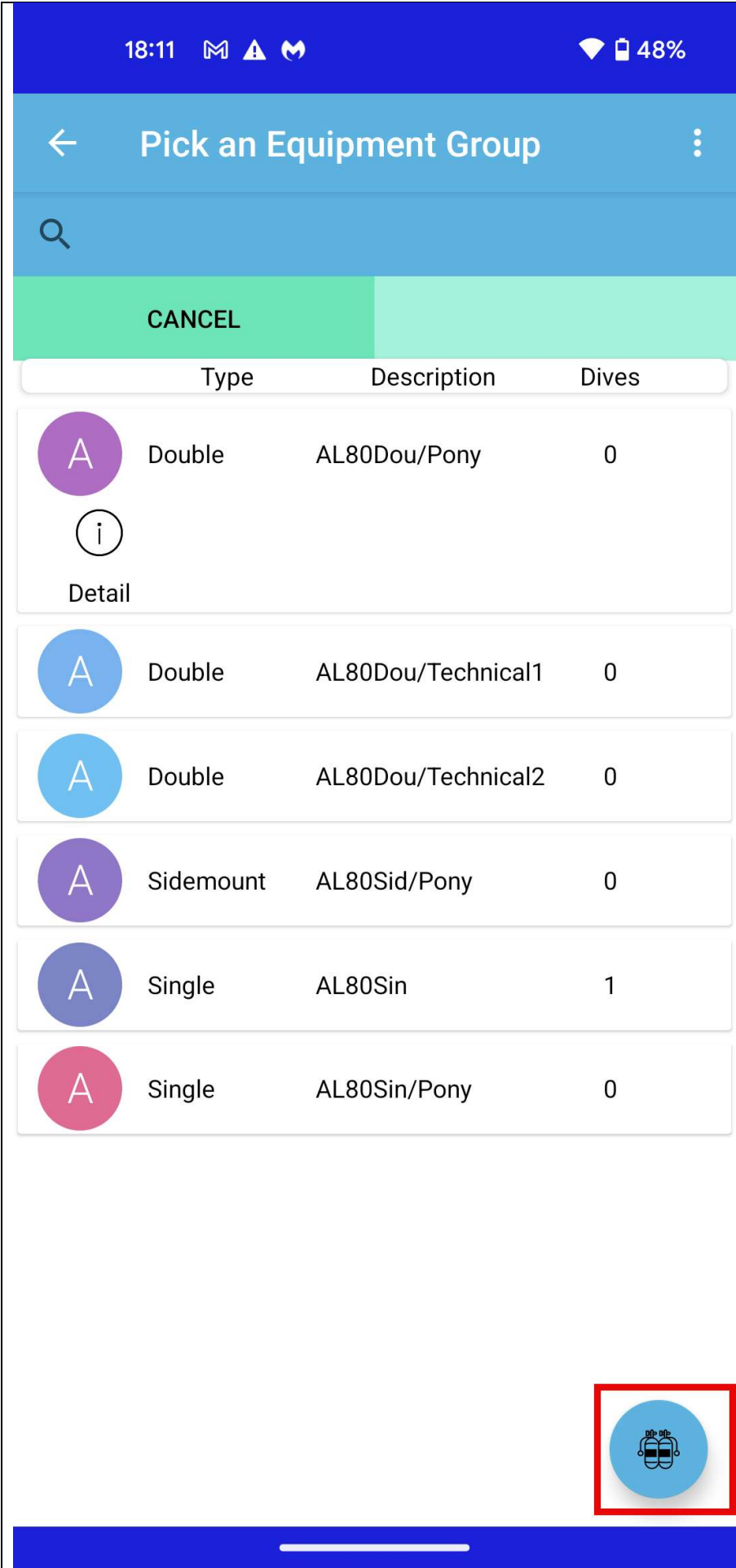
ALC100 ALC100 @ 3300 104.8 3300.0 0



Detail



<div><div>18:06 M A M</div><div><div>DIR or don't do it!</div></div><div><div><div>A</div><div>Acronyms</div></div><div><div>C</div><div>Constants</div></div><div><div>Y</div><div>Blending Tools (Beta)</div></div><div><div>BT</div><div>Bluetooth Low Energy (Test)</div></div><div><div>Calculator</div><div>Quick Calculators</div></div><div><div>Wrench</div><div>Maintenance</div></div><div><div>Person</div><div>Me</div></div><div><div>Person</div><div>Divers</div></div><div><div>Equipment Groups</div></div><div><div>Equipment Group Switch</div></div><div><div>Cylinder Types</div></div><div><div>Dive Types</div></div><div><div>Dynamic Spinners</div></div><div><div>Group Types</div></div><div><div>Segment Types</div></div></div></div> <td data-bbox="711 96 992 2007"><div><div>48%</div></div><div><div>No Buddy</div><div>No Group</div><div>0.000</div><div>00:00:00</div></div><div></div></td> <td data-bbox="992 96 1445 2007"><p>Under the Maintenance menu, click Equipment Groups</p></td>	<div><div>48%</div></div> <div><div>No Buddy</div><div>No Group</div><div>0.000</div><div>00:00:00</div></div> <div></div>	<p>Under the Maintenance menu, click Equipment Groups</p>
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The Equipment Group you want is not listed.

Click Add a new Equipment Group at the bottom right.

19:3431MM▲•47%

←

Edit an Equipment Group

⋮

CANCEL

SAVE

CLONE

Type (required)
Single

Description (required)

New Description (conditional)

Default Group (required)
No

No

Usage

Type

Volume

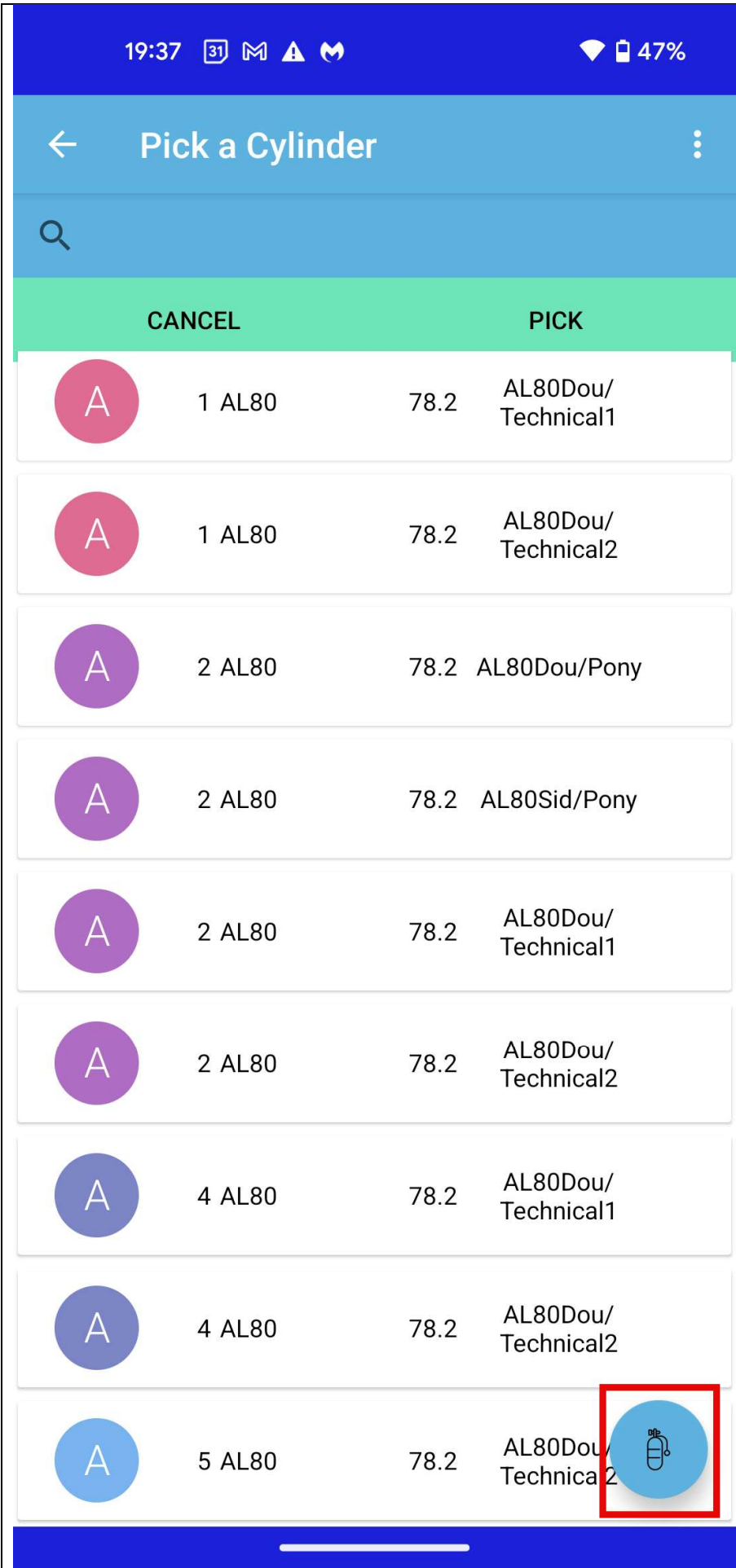
Description is mandatory and free text like:

AL: Aluminum
12: Volume
Sin: Single

Or

HP: High Pressure
12: Volume
Sin: Single

Click Add a new Cylinder to the Equipment Group at the bottom right.



You added a new Cylinder Type but there is no Cylinder yet added to the new Equipment Group.

Click Add a new Cylinder at the bottom right.

<div><div>19:39 31 M A M</div><div>47%</div></div> <div><div>← Edit a Cylinder</div><div>⋮</div></div> <div><div>CANCEL</div><div>SAVE</div></div> <div><div>Add a Cylinder Type</div><div>Type (required) AL19 AL 19.0 @ 3000</div></div> <div><div>Volume (ft3) (required)</div><div>19.0</div></div> <div><div>Rated Pressure (psi) (required)</div><div>3000.0</div></div> <div><div>Brand</div></div> <div><div>Model</div></div> <div><div>Serial Number</div></div> <div><div>Cylinder Color</div></div> <div><div>Last VIP</div><div>7/10/25</div></div> <div><div>Last Hydro</div><div>7/10/25</div></div> <div><div>Weight Full (lb)</div><div>0.0</div></div> <div><div>Weight Empty (lb)</div><div>0.0</div></div> <div><div>Buoyancy Full</div><div>0.0</div></div> <div><div>Buoyancy Empty</div><div>0.0</div></div>	<div>Click the spinner to see the list of available Cylinder Types</div>
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<div><div>19:40 31 M A M</div><div>46%</div></div> <div><div>← Edit a Cylinder</div><div>CANCEL SAVE</div></div> <div><div>Add a Cylinder Type</div><div>Type (required)</div><div>AL19 AL 19.0 @ 3000</div><div>AL30 AL 30 @ 3000</div><div>AL40 AL 40 @ 3000</div><div>AL53 AL 53 @ 3000</div><div>AL63 AL 63 @ 3000</div><div>AL80 AL 80 @ 3000</div><div>HP100 ST 100 @ 3442</div><div>ALC100 ALC100 @ 3300</div><div>HP117 ST 117 @ 3442</div><div>HP120 ST 120 @ 3442</div><div>HP133 ST 133 @ 3442</div><div>HP149 ST 149 @ 3442</div><div>Buoyancy Empty</div><div>0.0</div></div>	<div>Select the Cylinder Type you created before.</div>
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19:42 31 M A M

46%



Edit a Cylinder



CANCEL

SAVE

Add a Cylinder Type

Type (required)

ALC100 ALC100 @ 3300



Volume (ft3) (required)

104.8

Rated Pressure (psi) (required)

3300.0

Brand

Model

Serial Number

Cylinder Color

Last VIP

7/10/25

Last Hydro

7/10/25

Weight Full (lb)

0.0

Weight Empty (lb)

0.0

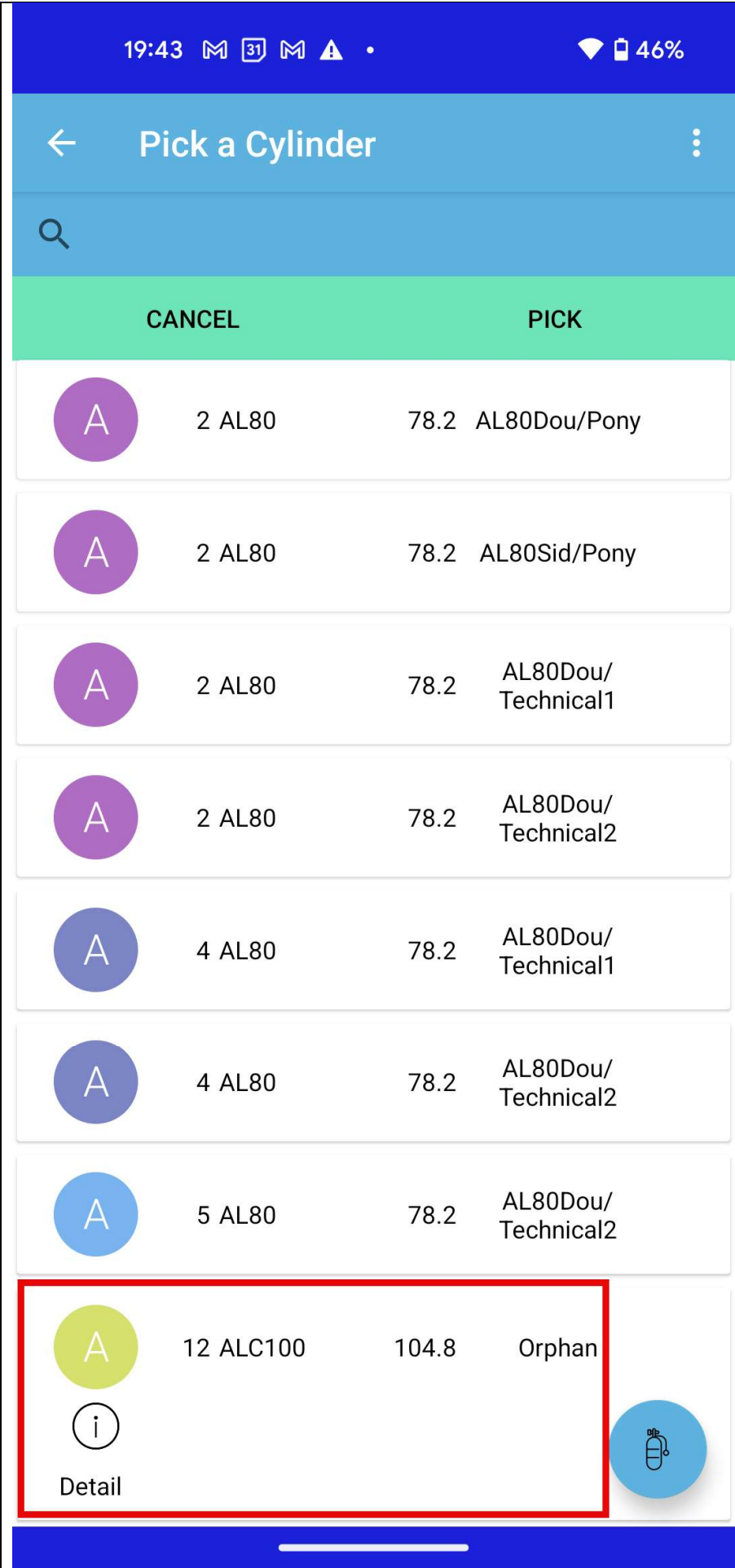
Buoyancy Full

0.0

Buoyancy Empty

0.0

Click Save.



The new Cylinder has been added and listed.

The Cylinder is an orphan since it has not been added to any Equipment Group yet.

Click Pick to add the new Cylinder to the new Equipment Group.

19:46 M 31 M A •

45%

←

Edit an Equipment Group

⋮

CANCEL

SAVE

CLONE

Type (required)
Single

Description (required)
AL105Sin

New Description (conditional)

Default Group (required)
No

No	Usage	Type	Volume
<div>A</div>	12 Bottom Gas	▼ ALC100	104.8

i

Detail

🔧

The new Equipment Group is complete and assembled.

Click Save

19:48 31 • 45%

← Pick an Equipment Group

CANCEL

	Type	Description	Dives
	Double	AL80Dou/Pony	0
	Double	AL80Dou/Technical1	0
	Double	AL80Dou/Technical2	0
	Sidemount	AL80Sid/Pony	0
	Single	AL80Sin	1
	Single	AL80Sin/Pony	0
	Single	AL105Sin	0

Detail

The Equipment Group has been added and listed.

But not assigned to any dive yet.

19:49

45%

Edit a Dive #1

CANCEL

SAVE

Planning

Status

Plan

Dive Type

Typical

Salinity

☒ Salt

☐ Fresh

Me

Equipment Group

AL80Sin

SAC

38.4

RMV

1.0

No Buddy

Equipment Group

Pick an Equipment Group

SAC

0.0

RMV

0.0

Planning

Note

When editing a Dive, the new Equipment Group will be available under Pick an Equipment Group

19:51

44%

Pick an Equipment Group #1

CANCEL

PICK

	Type	Description	Dives
<div><div>A</div><div></div><div>Detail</div></div>	Single	AL105Sin	0
<div>A</div>	Double	AL80Dou/Pony	0
<div>A</div>	Double	AL80Dou/Technical1	0
<div>A</div>	Double	AL80Dou/Technical2	0
<div>A</div>	Sidemount	AL80Sid/Pony	0
<div>A</div>	Single	AL80Sin	1
<div>A</div>	Single	AL80Sin/Pony	0

Pick the new Equipment Group for Dive #1

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