

		
NO	NAME	POS
48.....	Bethune, Tatum.....	LB
97.....	Bosa, Nick.....	DL
84.....	Bourne, Kendrick.....	WR
64.....	Brendel, Jake.....	OL
27.....	Brown, Ji'Ayir.....	S
74.....	Burford, Spencer.....	OL
75.....	Colby, Connor.....	OL
95.....	Collins, Alfred.....	DL
93.....	Davis, Kalia.....	DL
92.....	Elliott, Jordan.....	DL
89.....	Farrell, Luke.....	TE
57.....	Gifford, Luke.....	LB
0.....	Green, Renardo.....	CB
94.....	Gross—Matos, Yetur.....	DL
31.....	Guerendo, Isaac.....	RB
61.....	Hennessy, Matt.....	OL
47.....	Huff, Bryce.....	DL
29.....	James, Jordan.....	RB
96.....	Jefferson, Jordan.....	DL
15.....	Jennings, Jauan.....	WR
10.....	Jones, Mac.....	QB
44.....	Juszczyk, Kyle.....	FB
2.....	Lenoir, Deommodore.....	DB
26.....	Lucas, Chase.....	CB
28.....	Luter Jr., Darrell.....	CB
45.....	Martin, Nick.....	LB
23.....	McCaffrey, Christian.....	RB
68.....	McKivitz, Colton.....	OL
9.....	Moore, Skyy.....	WR
7.....	Morstead, Thomas.....	P
65.....	Moss, Drew.....	OL
33.....	Neal, Siran.....	DB
91.....	Okuayinonu, Sam.....	DL
1.....	Pearsall, Ricky.....	WR
18.....	Piñeiro, Eddy.....	K
25.....	Pinnock, Jason.....	S
62.....	Pleasants, Austen.....	OL
77.....	Puni, Dominick.....	OL
13.....	Purdy, Brock.....	QB
3.....	Robinson Jr., Brian.....	RB
59.....	Robinson, Curtis.....	LB
36.....	Sigle, Marques.....	S
20.....	Stout, Upton.....	CB
88.....	Tonges, Jake.....	TE
83.....	Valdes—Scantling, Marquez ...	WR
54.....	Warner, Fred.....	LB
17.....	Watkins, Jordan.....	WR
46.....	Weeks, Jon.....	LS
99.....	West, C.J.....	DL
98.....	Williams, Mykel.....	DL
71.....	Williams, Trent.....	T
82.....	Willis, Brayden.....	TE
53.....	Winters, Dee.....	LB

NO	NAME	POS	HT	WT	AGE	EXP	COLLEGE
0	Renardo Green	CB	6—0	186	24	2	Florida State
1	Ricky Pearsall	WR	6—1	189	25	2	Florida
2	Deommodore Lenoir	DB	5—10	200	25	5	Oregon
3	Brian Robinson Jr.	RB	6—1	225	26	4	Alabama
7	Thomas Morstead	P	6—4	225	39	17	Southern Methodist
9	Skyy Moore	WR	5—10	195	25	4	Western Michigan
10	Mac Jones	QB	6—3	220	27	5	Alabama
13	Brock Purdy	QB	6—1	220	25	4	Iowa State
15	Jauan Jennings	WR	6—3	212	28	5	Tennessee
17	Jordan Watkins	WR	5—11	196	23	R	Mississippi
18	Eddy Piñeiro	K	5—11	190	30	6	Florida
20	Upton Stout	CB	5—9	181	23	R	Western Kentucky
23	Christian McCaffrey	RB	5—11	210	29	9	Stanford
25	Jason Pinnock	S	6—0	200	26	5	Pittsburgh
26	Chase Lucas	CB	5—11	184	28	4	Arizona State
27	Ji'Ayir Brown	S	5—11	202	25	3	Penn State
28	Darrell Luter Jr.	CB	6—0	190	25	3	South Alabama
29	Jordan James	RB	5—9	208	21	R	Oregon
31	Isaac Guerendo	RB	6—0	221	25	2	Louisville
33	Siran Neal	DB	6—0	206	31	8	Jacksonville State
36	Marques Sigle	S	5—11	199	23	R	Kansas State
44	Kyle Juszczyk	FB	6—2	235	34	13	Harvard
45	Nick Martin	LB	5—11	221	22	R	Oklahoma State
46	Jon Weeks	LS	5—10	242	39	16	Baylor
47	Bryce Huff	DL	6—3	255	27	6	Memphis
48	Tatum Bethune	LB	6—1	230	24	2	Florida State
53	Dee Winters	LB	5—11	227	24	3	Texas Christian
54	Fred Warner	LB	6—3	230	28	8	Brigham Young
57	Luke Gifford	LB	6—3	243	30	7	Nebraska
59	Curtis Robinson	LB	6—3	235	27	4	Stanford
61	Matt Hennessy	OL	6—3	315	27	6	Temple
62	Austen Pleasants	OL	6—7	330	28	3	Ohio
64	Jake Brendel	OL	6—4	299	33	8	UCLA
65	Drew Moss	OL	6—3	303	22	R	Colorado State
68	Colton McKivitz	OL	6—6	301	29	6	West Virginia
71	Trent Williams	T	6—5	320	37	16	Oklahoma
74	Spencer Burford	OL	6—4	300	25	4	Texas—San Antonio
75	Connor Colby	OL	6—5	309	22	R	Iowa
77	Dominick Puni	OL	6—5	313	25	2	Kansas
82	Brayden Willis	TE	6—4	240	25	3	Oklahoma
83	Marquez Valdes—Scantling	WR	6—4	206	30	8	South Florida
84	Kendrick Bourne	WR	6—1	190	30	9	Eastern Washington
88	Jake Tonges	TE	6—4	240	26	3	California
89	Luke Farrell	TE	6—5	250	27	5	Ohio State
91	Sam Okuayinonu	DL	6—1	269	27	3	Maryland
92	Jordan Elliott	DL	6—4	303	27	6	Missouri
93	Kalia Davis	DL	6—2	310	26	4	Central Florida
94	Yetur Gross—Matos	DL	6—5	265	27	6	Penn State
95	Alfred Collins	DL	6—5	332	23	R	Texas
96	Jordan Jefferson	DL	6—2	316	23	2	Louisiana State
97	Nick Bosa	DL	6—4	266	27	7	Ohio State
98	Mykel Williams	DL	6—5	267	21	R	Georgia
99	C.J. West	DL	6—1	316	23	R	Indiana

SAN FRANCISCO 49ERS COACHING STAFF

KYLE SHANAHAN (Head Coach); BRANT BOYER (Special Teams Coordinator); BRIAN FLEURY (Run Game Coordinator/Tight Ends); KLAY KUBIAK (Offensive Coordinator); ROBERT SALEH (Defensive Coordinator); GUS BRADLEY (Assistant Head Coach Defense); CHRIS FOERSTER (Assistant Head Coach/Offensive Line); COLT ANDERSON (Assistant Special Teams); RONALD BLAIR III (Special Teams Quality Control); CAMERON BROWN (Defensive Quality Control); RAY BROWN (Defensive Backs/Cornerbacks); DANIEL BULLOCKS (Defensive Passing Game Specialist/Defensive Backs); CAMERON CLEMMONS (Assistant Offensive Line); JOE GRAVES (Offensive Assistant/Quarterbacks); LEONARD HANKERSON (Wide Receivers/Passing Game Specialist); ANDREW HAYES—STOKER (Offensive Assistant/Wide Receivers); JOHNNY HOLLAND (Linebackers); KRIS KOCUREK (Defensive Line); MICK LOMBARDI (Quarterbacks); JAKE LYNCH (Defensive Quality Control); MIGUEL REVELES (Offensive Assistant); DEUCE SCHWARTZ (Offensive Quality Control); GREG SCRUGGS (Assistant Defensive Line); ROBERT TURNER JR. (Running Backs); JACOB WEBSTER (Offensive Quality Control); K.J. WRIGHT (Defensive Quality Control).

NO	NAME	POS	HT	WT	AGE	EXP	COLLEGE
0	Will Johnson	CB	6—2	200	22	R	Michigan
1	Kyler Murray	QB	5—10	207	28	7	Oklahoma
2	Mack Wilson Sr.	LB	6—1	240	27	7	Alabama
3	Budda Baker	S	5—10	195	29	9	Washington
4	Greg Dortch	WR	5—7	180	27	5	Wake Forest
5	Baron Browning	LB	6—3	255	26	5	Ohio State
6	James Conner	RB	6—1	233	30	9	Pittsburgh
7	Jacoby Brissett	QB	6—4	235	32	10	N.C. State
10	Josh Sweat	LB	6—5	265	28	8	Florida State
12	Blake Gillikin	P	6—2	196	27	5	Penn State
13	Kei'Trel Clark	CB	5—10	181	24	3	Louisville
14	Michael Wilson	WR	6—2	213	25	3	Stanford
16	Max Melton	CB	5—11	187	23	2	Rutgers
17	Zay Jones	WR	6—2	200	30	9	East Carolina
18	Marvin Harrison Jr.	WR	6—3	220	23	2	Ohio State
20	Zonovan Knight	RB	5—11	210	24	2	N.C. State
25	Zaven Collins	LB	6—4	270	26	5	Tulsa
27	Akeem Davis—Gaither	LB	6—2	238	28	6	Appalachian State
28	Elijah Jones	CB	6—1	185	25	1	Boston College
29	Denzel Burke	CB	5—11	190	22	R	Ohio State
30	Darren Hall	CB	6—0	195	25	4	San Diego State
31	Emari Demercado	RB	5—9	215	26	3	TCU
33	Trey Benson	RB	6—0	220	23	2	Florida State
34	Jalen Thompson	S	5—11	190	27	7	Washington State
36	Kitan Crawford	S	5—11	202	23	R	Nevada
38	Chad Ryland	K	6—0	195	25	3	Maryland
42	Dadrion Taylor—Demerson	S	5—10	197	24	2	Texas Tech
44	Owen Pappoe	LB	6—0	230	24	3	Auburn
46	Aaron Brewer	LS	6—5	232	35	14	San Diego State
50	Cody Simon	LB	6—2	230	23	R	Ohio State
52	Jordan Burch	LB	6—4	280	23	R	Oregon
54	Xavier Thomas	LB	6—2	250	25	2	Clemson
55	Dante Stills	DL	6—4	300	25	3	West Virginia
56	Darius Robinson	DL	6—5	285	24	2	Missouri
63	Evan Brown	OL	6—3	320	29	8	SMU
68	Kelvin Beachum	OL	6—3	308	36	14	SMU
70	Paris Johnson Jr.	OL	6—6	325	24	3	Ohio State
71	Jon Gaines II	OL	6—4	315	26	2	UCLA
72	Hjalte Froholdt	OL	6—5	310	29	6	Arkansas
73	Jonah Williams	OL	6—5	312	27	6	Alabama
74	Isaiah Adams	OL	6—4	315	25	2	Illinois
76	Will Hernandez	OL	6—3	332	30	8	UTEP
78	Josh Fryar	OL	6—5	320	23	R	Ohio State
79	P.J. Mustipher	DL	6—4	320	26	2	Penn State
80	Simi Fehoko	WR	6—4	225	27	5	Stanford
81	Travis Vokolek	TE	6—6	260	27	1	Nebraska
84	Elijah Higgins	TE	6—3	245	24	3	Stanford
85	Trey McBride	TE	6—4	246	25	4	Colorado State
87	Tip Reiman	TE	6—5	271	24	2	Illinois
89	Xavier Weaver	WR	6—0	185	24	1	Colorado
93	Calais Campbell	DL	6—8	315	39	18	Miami
94	Dalvin Tomlinson	DL	6—3	335	31	9	Alabama

ARIZONA CARDINALS COACHING STAFF

JONATHAN GANNON (Head Coach); JEFF RODGERS (Assistant Head Coach/Special Teams Coordinator); DREW PETZING (Offensive Coordinator); NICK RALLIS (Defensive Coordinator); DREW TERRELL (Passing Game Coordinator/Wide Receivers); KENNY BELL (Director, Football Strategy); JASON BENGUCHE (Assistant Strength & Conditioning); RONALD BOOKER (Defensive Quality Control); CHRIS COOK (Assistant Offensive Line); WINSTON DELATTIBOUDERE III (Defensive Line); AUTRY DENSON (Running Backs); MATT FEENEY (Outside Linebackers); JUSTIN FRYE (Offensive Line); CRISTIAN GARCIA (Linebackers); EVERETT GATHRON (Assistant Strength & Conditioning); BLAINE GAUTIER (Offensive Quality Control); DJ GILLINS (Bill Bidwill Fellowship); EVAN MARCUS (Head Strength & Conditioning); BUDDY MORRIS (Senior Reconditioning Coordinator); ALEC OSBORNE (Defensive Quality Control); JAY RAZZANO (Coaching Assistant); KYLE SAMMONS (Sports Science Coordinator/Assistant Strength & Conditioning); BRANDON SCHWAB (Assistant to the Head Coach); CONNOR SENER (Pass Game Specialist); SAM SEWELL (Assistant Special Teams); RYAN SMITH (Cornerbacks); BEN STEELE (Tight Ends); SHEA THOMPSON (Director, Football Performance); PATRICK TONEY (Defensive Backs); ISRAEL WOOLFORK (Quarterbacks).

		
NO	NAME	POS
74.....	Adams, Isaiah.....	OL
3.....	Baker, Budda.....	S
68.....	Beachum, Kelvin.....	OL
33.....	Benson, Trey.....	RB
46.....	Brewer, Aaron.....	LS
7.....	Brissett, Jacoby.....	QB
63.....	Brown, Evan.....	OL
5.....	Browning, Baron.....	LB
52.....	Burch, Jordan.....	LB
29.....	Burke, Denzel.....	CB
93.....	Campbell, Calais.....	DL
13.....	Clark, Kei'Trel.....	CB
25.....	Collins, Zaven.....	LB
6.....	Conner, James.....	RB
36.....	Crawford, Kitan.....	S
27.....	Davis—Gaither, Akeem.....	LB
31.....	Demercado, Emari.....	RB
4.....	Dortch, Greg.....	WR
80.....	Fehoko, Simi.....	WR
72.....	Froholdt, Hjalte.....	OL
78.....	Fryar, Josh.....	OL
71.....	Gaines II, Jon.....	OL
12.....	Gillikin, Blake.....	P
30.....	Hall, Darren.....	CB
18.....	Harrison Jr., Marvin.....	WR
76.....	Hernandez, Will.....	OL
84.....	Higgins, Elijah.....	TE
70.....	Johnson Jr., Paris.....	OL
0.....	Johnson, Will.....	CB
28.....	Jones, Elijah.....	CB
17.....	Jones, Zay.....	WR
20.....	Knight, Zonovan.....	RB
85.....	McBride, Trey.....	TE
16.....	Melton, Max.....	CB
1.....	Murray, Kyler.....	QB
79.....	Mustipher, P.J.....	DL
44.....	Pappoe, Owen.....	LB
87.....	Reiman, Tip.....	TE
56.....	Robinson, Darius.....	DL
38.....	Ryland, Chad.....	K
50.....	Simon, Cody.....	LB
55.....	Stills, Dante.....	DL
10.....	Sweat, Josh.....	LB
42.....	Taylor—Demerson, Dadrion..	S
54.....	Thomas, Xavier.....	LB
34.....	Thompson, Jalen.....	S
94.....	Tomlinson, Dalvin.....	DL
81.....	Vokolek, Travis.....	TE
89.....	Weaver, Xavier.....	WR
73.....	Williams, Jonah.....	OL
2.....	Wilson Sr., Mack.....	LB
14.....	Wilson, Michael.....	WR

49ERS		
NO	NAME	POS
0	Renardo Green	CB
1	Ricky Pearsall	WR
2	Deommodore Lenoir	DB
3	Brian Robinson Jr.	RB
7	Thomas Morstead	P
9	Skyy Moore	WR
10	Mac Jones	QB
13	Brock Purdy	QB
15	Jauan Jennings	WR
17	Jordan Watkins	WR
18	Eddy Piñeiro	K
20	Upton Stout	CB
23	Christian McCaffrey	RB
25	Jason Pinnock	S
26	Chase Lucas	CB
27	Ji' Ayir Brown	S
28	Darrell Luter Jr.	CB
29	Jordan James	RB
31	Isaac Guerendo	RB
33	Siran Neal	DB
36	Marques Sigle	S
44	Kyle Juszczyk	FB
45	Nick Martin	LB
46	Jon Weeks	LS
47	Bryce Huff	DL
48	Tatum Bethune	LB
53	Dee Winters	LB
54	Fred Warner	LB
57	Luke Gifford	LB
59	Curtis Robinson	LB
61	Matt Hennessy	OL
62	Austen Pleasants	OL
64	Jake Brendel	OL
65	Drew Moss	OL
68	Colton McKivitz	OL
71	Trent Williams	T
74	Spencer Burford	OL
75	Connor Colby	OL
77	Dominick Puni	OL
82	Brayden Willis	TE
83	Marquez Valdes–Scantling	WR
84	Kendrick Bourne	WR
88	Jake Tonges	TE
89	Luke Farrell	TE
91	Sam Okuayinonu	DL
92	Jordan Elliott	DL
93	Kalia Davis	DL
94	Yetur Gross–Matos	DL
95	Alfred Collins	DL
96	Jordan Jefferson	DL
97	Nick Bosa	DL
98	Mykel Williams	DL
99	C.J. West	DL

2025 PRACTICE SQUAD		
NO	NAME	POS
4	Adrian Martinez	QB
14	Russell Gage Jr.	WR
18	Malik Turner	WR
30	Eli Apple	CB
35	Sincere McCormick	RB
40	Derrick Canteen	DB
41	Jalen Graham	LB
43	Messiah Swinson	TE
51	Robert Beal Jr.	DL
55	Sebastian Valdez	DL
56	Trevis Gipson	DL
58	Evan Anderson	DL
60	Brandon Parker	OL
63	Nick Zakelj	OL
66	Drake Nugent	OL
76	Kilian Zierer	OL
86	Junior Bergen	WR



SAN FRANCISCO 49ERS (2-0) VS. ARIZONA CARDINALS (2-0)

SUNDAY, SEPTEMBER 21, 2025 - 1:25 PM - LEVI’S® STADIUM



49ERS OFFENSE			
WR	15	Jauan Jennings	83 M. Valdes–Scantling 84 Kendrick Bourne
LT	71	Trent Williams	74 Spencer Burford
LG	75	Connor Colby	
C	64	Jake Brendel	61 Matt Hennessy
RG	77	Dominick Puni	65 Drew Moss
RT	68	Colton McKivitz	62 Austen Pleasants
TE	89	Luke Farrell	88 Jake Tonges 82 Brayden Willis
WR	1	Ricky Pearsall	9 Skyy Moore 17 Jordan Watkins
RB	23	Christian McCaffrey	3 Brian Robinson Jr. 31 Isaac Guerendo
			29 Jordan James
FB	44	Kyle Juszczyk	
QB	13	Brock Purdy	10 Mac Jones

CARDINALS DEFENSE			
DT	56	Darius Robinson	55 Dante Stills
NT	94	Dalvin Tomlinson	79 P.J. Mustipher
DT	93	Calais Campbell	
OLB	10	Josh Sweat	52 Jordan Burch 54 Xavier Thomas
ILB	27	Akeem Davis–Gaither	44 Owen Pappoe
ILB	2	Mack Wilson Sr.	50 Cody Simon
OLB	25	Zaven Collins –or–	5 Baron Browning
CB	16	Max Melton	13 Kei’Trel Clark
CB	0	Will Johnson	28 Elijah Jones
CB	29	Denzel Burke	30 Darren Hall
S	34	Jalen Thompson	42 Dadrion Taylor–Demerson
S	3	Budda Baker	36 Kitan Crawford

49ERS SPECIALISTS			
P	7	Thomas Morstead	
K	18	Eddy Piñeiro	
H	7	Thomas Morstead	
PR	9	Skyy Moore	17 Jordan Watkins
KOR	31	Isaac Guerendo	9 Skyy Moore
LS	46	Jon Weeks	
<u>Underline: Rookie</u>			

INACTIVES	
1. _____	5. _____
2. _____	6. _____
3. _____	7. _____
4. _____	

REFEREE – John Hussey (35)
DOWN JUDGE – Max Causey (21)
FIELD JUDGE – Anthony Flemming (90)
BACK JUDGE – Matt Edwards (96)

49ERS DEFENSE			
LDE	98	Mykel Williams	47 Bryce Huff
LDT	93	Kalia Davis	95 Alfred Collins
RDT	92	Jordan Elliott	99 C.J. West 96 Jordan Jefferson
RDE	97	Nick Bosa	94 Yetur Gross–Matos 91 Sam Okuayinonu
SAM	57	Luke Gifford	59 Curtis Robinson
MIKE	54	Fred Warner	48 Tatum Bethune
WILL	53	Dee Winters	45 Nick Martin
LCB	0	Renardo Green	26 Chase Lucas
RCB	2	Deommodore Lenoir	28 Darrell Luter Jr.
NB	20	Upton Stout	
FS	25	Jason Pinnock	33 Siran Neal
SS	36	Marques Sigle	27 Ji’Ayir Brown

CARDINALS OFFENSE			
WR	18	Marvin Harrison Jr.	80 Simi Fehoko
LT	70	Paris Johnson Jr.	68 Kelvin Beachum
LG	63	Evan Brown	71 Jon Gaines II
C	72	Hjalte Froholdt	71 Jon Gaines II
RG	74	Isaiah Adams	76 Will Hernandez
RT	73	Jonah Williams	78 Josh Fryar
TE	85	Trey McBride	87 Tip Reiman 84 Elijah Higgins 81 Travis Vokolek
WR	17	Zay Jones	89 Xavier Weaver
WR	14	Michael Wilson	4 Greg Dortch
QB	1	Kyler Murray	7 Jacoby Brissett
RB	6	James Conner	33 Trey Benson 31 Emari Demercado 20 Zonovan Knight

CARDINALS SPECIALISTS			
P	12	Blake Gillikin	
K	38	Chad Ryland	
H	12	Blake Gillikin	
PR	4	Greg Dortch	89 Xavier Weaver
KOR	4	Greg Dortch	31 Emari Demercado
LS	46	Aaron Brewer	
<u>Underline: Rookie</u>			

UMPIRE – Duane Heydt (42)
LINE JUDGE – Carl Johnson (101)
SIDE JUDGE – Allen Baynes (56)
REPLAY OFFICIAL – Andrew Lambert

INACTIVES	
1. _____	5. _____
2. _____	6. _____
3. _____	7. _____
4. _____	

ARIZONA CARDINALS		
NO	NAME	POS
0	Will Johnson	CB
1	Kyler Murray	QB
2	Mack Wilson Sr.	LB
3	Budda Baker	S
4	Greg Dortch	WR
5	Baron Browning	LB
6	James Conner	RB
7	Jacoby Brissett	QB
10	Josh Sweat	LB
12	Blake Gillikin	P
13	Kei’Trel Clark	CB
14	Michael Wilson	WR
16	Max Melton	CB
17	Zay Jones	WR
18	Marvin Harrison Jr.	WR
20	Zonovan Knight	RB
25	Zaven Collins	LB
27	Akeem Davis–Gaither	LB
28	Elijah Jones	CB
29	Denzel Burke	CB
30	Darren Hall	CB
31	Emari Demercado	RB
33	Trey Benson	RB
34	Jalen Thompson	S
36	Kitan Crawford	S
38	Chad Ryland	K
42	Dadrion Taylor–Demerson	S
44	Owen Pappoe	LB
46	Aaron Brewer	LS
50	Cody Simon	LB
52	Jordan Burch	LB
54	Xavier Thomas	LB
55	Dante Stills	DL
56	Darius Robinson	DL
63	Evan Brown	OL
68	Kelvin Beachum	OL
70	Paris Johnson Jr.	OL
71	Jon Gaines II	OL
72	Hjalte Froholdt	OL
73	Jonah Williams	OL
74	Isaiah Adams	OL
76	Will Hernandez	OL
78	Josh Fryar	OL
79	P.J. Mustipher	DL
80	Simi Fehoko	WR
81	Travis Vokolek	TE
84	Elijah Higgins	TE
85	Trey McBride	TE
87	Tip Reiman	TE
89	Xavier Weaver	WR
93	Calais Campbell	DL
94	Dalvin Tomlinson	DL

2025 PRACTICE SQUAD		
NO	NAME	POS
19	Kedon Slovis	QB
22	Michael Carter	RB
26	Chigozie Anusiem	CB
35	Ekow Boye–Doe	CB
45	Josiah Deguara	TE
47	Channing Tindall	LB
48	Jared Bartlett	LB
60	Nick Leverett	OL
64	Jake Curhan	OL
66	Demontrey Jacobs	OL
67	Jeremiah Byers	OL
82	Andre Baccellia	WR
83	Tejhaun Palmer	WR
90	Zach Carter	DL
95	Anthony Goodlow	DL